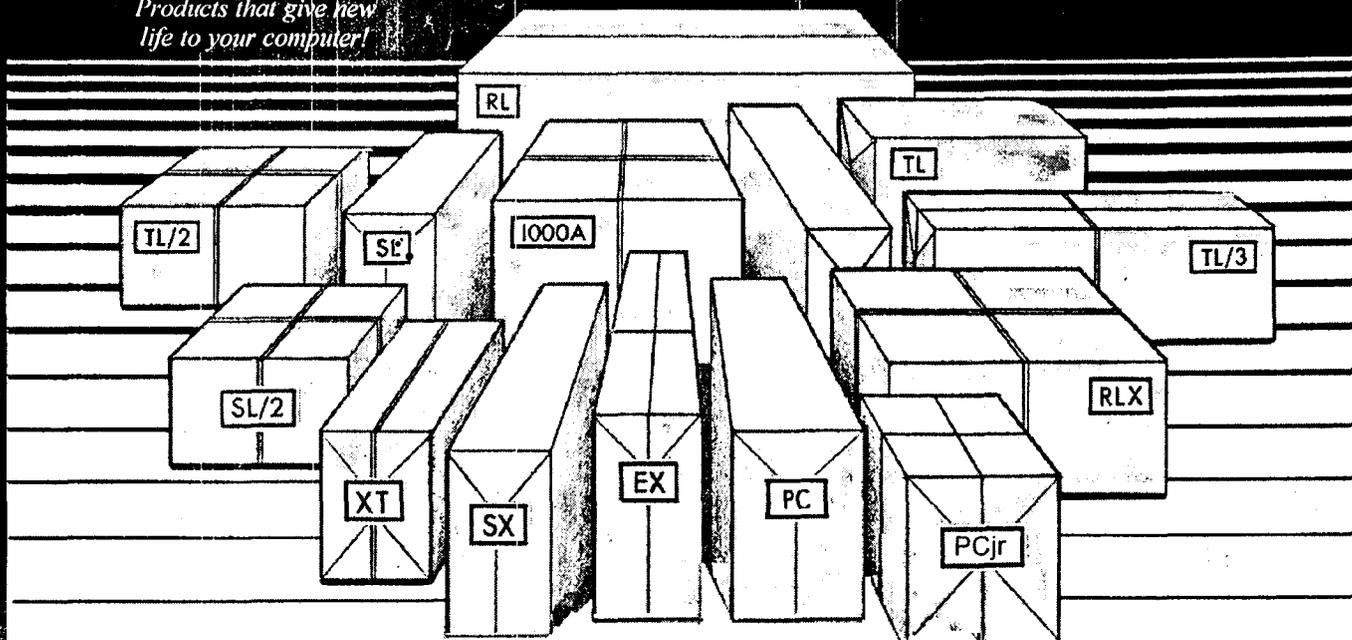
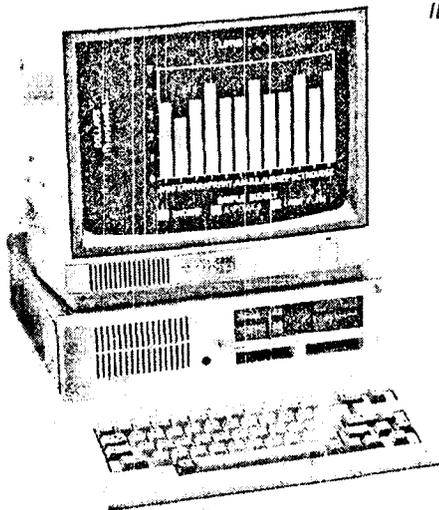


# Everything You'll Ever Need to Upgrade Your IBM PCjr Computer

*Products that give new  
life to your computer!*



*This catalog includes IBM PCjr compatible hardware and software. PC Enterprises can also help you upgrade other IBM and Tandy computers including IBM PC, XT, AT, PS/2, 286 and 386 computers. Call our toll free 800 number to request FREE catalogs for any other computers that you may own.*



- **Flat Rate Repair Service Now Only \$99**
- **Memory Expansions from \$99**
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- **PCjr Compatible Software from \$9.95**
- **Accellerator Boards \$99**
- **PCjr Goodie-Boxes \$59.95**
- **486 Systems that work with the PCjr Monitor only \$599**



*"Computer Upgrade Specialists Since 1984"*

PC Enterprises 2400 Belmar Blvd Bldg B-16 Belmar, NJ 07719  
(800) 922-7257 (908) 280-0025

# Upgrading your Existing Computer will Save you Money!!

## Dear Customer:

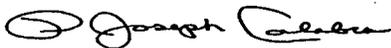
Today's software requires a much more powerful computer than could have been imagined just a few years ago. Even if you recently purchased your computer, you have probably already started to crave more memory and a bigger hard drive. Perhaps you want to add something more exciting like a Fax/Modem, a scanner, sound board, CD-ROM drive, or even a color printer!

Very few people are willing to buy a new computer just because somebody came out with something else new. Adding expansion products to the computer you already own is the perfect solution. Expansion products allow you to continue using your existing computer, while still using the latest hardware and software products available.

If you want to upgrade your computer to make it more useful, chances are that you will need to purchase very little. The software that you decide to run will determine exactly what you need. An example makes this point very easy to understand. If you want to use your computer to type letters, reports, or even to write a long novel, you'll need word processing software. If you select Bank Street Writer (Broderbund) as the software that you use, you will have no trouble doing exactly what you want on almost any IBM or compatible computer. All the computer needs is 256KB of memory and any type of floppy disk drive. Your computer doesn't even need to have a hard drive! However, if you prefer to run the latest and most powerful word processing software available, you'll easily spend hundreds of dollars or more, to upgrade the same computer.

Ask yourself, what would you like to do with your computer. Do you simply want to make it *useful*, or do you want your computer to run *all* the latest software? Bank Street Writer is perfectly adequate for all my word processing needs. It has a built-in spelling checker, thesaurus, and all the features I would ever use. Even a grammar checker is available. Other people prefer the latest and most powerful software, and select WordPerfect 6.0 for Windows. While this program does have tremendous desktop publishing and presentation capabilities, it also requires a 386 or later microprocessor, 6MB of RAM, VGA display, and 33MB of hard disk space! Do you really need features like object linking and embedding?

PC Enterprises offers thousands of computer expansion products that let you add what you want, when you want it, without ever paying for features you don't need. We will help you upgrade your computer to make it more useful, or if you prefer, we'll help transform your computer into one that's powerful enough to run any software you can find. The choice is yours. PC Enterprises has upgrade products that fit your needs, and your budget, while saving you hundreds of dollars, and that's my guarantee!



P. Joseph Calabria  
Owner and Founder, PC Enterprises



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*Don't be fooled by companies that advertise low-ball prices then overcharge for shipping!!*

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Anywhere in the US excluding Alaska and Hawaii. Additional shipping charges only apply to monitors, systems, printers and quantity purchases.

PC Enterprises offers thousands of the very best upgrade products available for all IBM PC and compatible computers at the lowest possible prices. Even novice computer users, including many who had never removed the cover from their computer, report that they had no trouble installing upgrade products in their own home. Only in rare circumstances does anyone ever need to send their computer to our facility, although its comforting to know that a professional and inexpensive installation service is simply a few days away. Illustrated instructions and unlimited technical help by phone are always available.

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#80371

# Easy-to-Use Word Processing Systems

## \$399

### Complete Word Processing System less Printer

- Genuine IBM Enhanced Model PCjr computer
- PCjr Color Display
- Keyboard
- Word Processing Software
- IBM PC-DOS with Manual

#11208

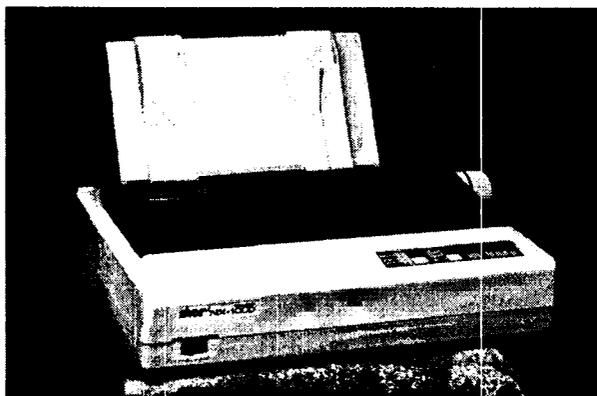
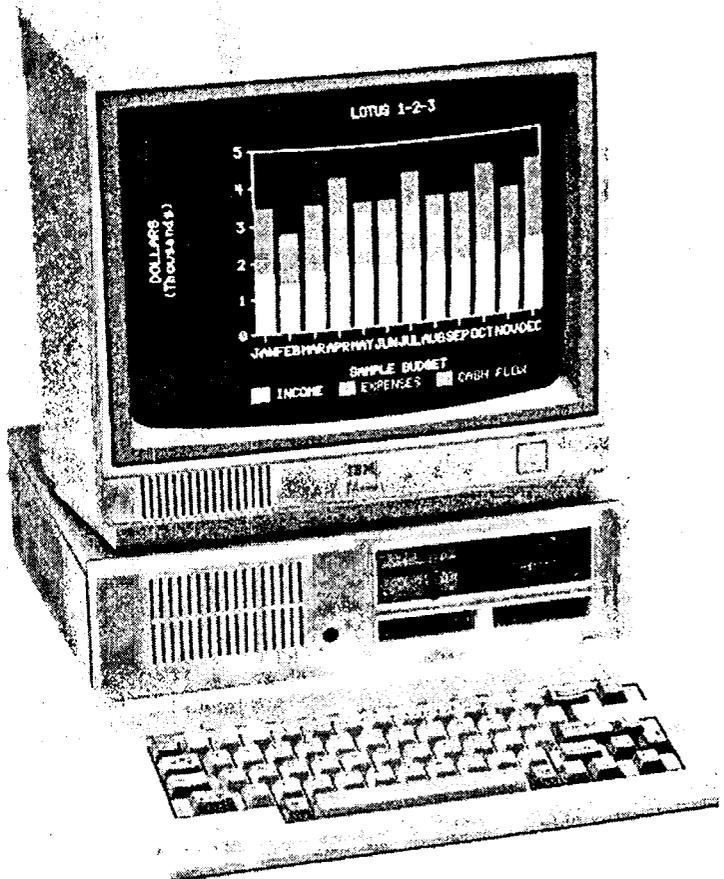
This system comes complete with everything you need for word processing. While the IBM PCjr computer is not as fast as today's newest computers, it's 8088 microprocessor and 128KB of RAM is all that you need to write letters and reports up to 21 pages long!

The easy-to-use word processor software included allows you to use advanced features such as cut, paste, copy, adjustable margins & tabs, overstrike or insert mode, spell checker, and search and replace.

Even if you have never before used a computer as a word processor, this system will make writing easier, editing less time consuming, and rewriting fun.

The computer includes an 8088 microprocessor, 128KB of RAM, Enhanced CGA graphics, color monitor, cordless keyboard, and a 5.25" 360KB floppy disk drive. Documents that you create can be saved on the 5.25" disk drive and used by any other IBM compatible computer that has a 5.25" drive.

All systems are genuine IBM (no off-shore substitutes) are reconditioned by PCE. Full year PCE warranty. Add \$10 for S&H.



## \$668

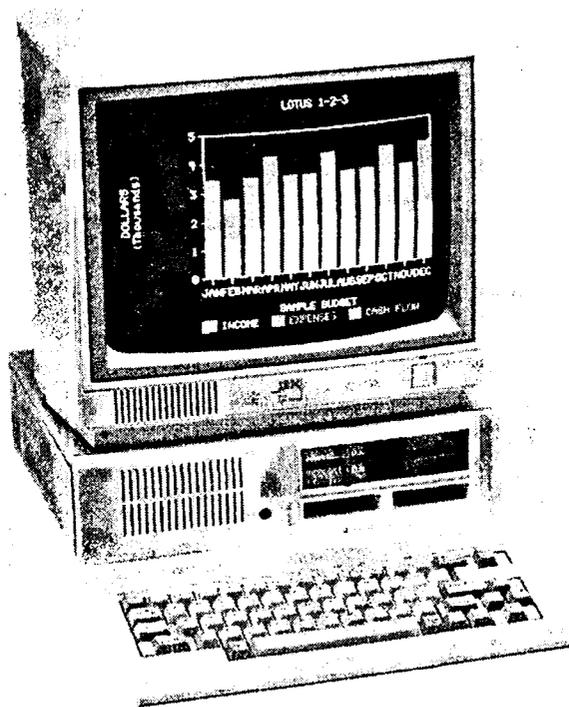
### Complete System including Printer

This system includes absolutely everything you will need to perform word processing on your PCjr computer including the printer. System includes the Star NX1001NL printer, PCjr parallel printer attachment, 6 foot printer cable, two ribbons, and over 100 sheets on continuous form tractor feed paper. Add \$15 for S&H.

#11218

System also available with any of the printers shown on the opposite page. To order a complete system with a different printer package, order system #11218 along with printer package 10072, 10073, or 10074.

# Complete IBM Computers Starting at \$199



These complete IBM PCjr systems are ideal for use at home, school, and in the office. They come with software and everything else needed for word processing and telecommunication applications.

Don't be fooled by these bargain low prices! The PCjr is a powerful IBM computer that can be expanded to run most IBM software including Lotus 1-2-3, dBase, WordPerfect, Windows 3.0, and more!

Why spend more money? If you don't need the fastest computer your money can buy these systems will save you thousands of dollars!

These are the lowest cost systems we have ever sold. All systems and components are genuine IBM or PCE brand (no off-shore substitutes) and are brand new or reconditioned by PCE. 90-day parts and labor PCE warranty!

## \$199

### COMPLETE SYSTEM WITH 128KB\*

Ideal for use with word processing and telecommunication software. Written instructions allow even those who have never used a computer to quickly and easily get started. Includes everything you'll need except the monitor. Purchase with the monitor shown above, or use with your existing Television set. Limited supplies.

#11207 Reg. Catalog Price \$438.90  
\*Additional shipping \$5.

## \$249

### COMPLETE SYSTEM WITH 256KB\*

Same as above except with 256KB of memory.

#11216 Reg. Catalog Price \$537.90  
\*Additional shipping \$5.

## \$348

### COMPLETE SYSTEM WITH 640KB\*

Same as above except with 640KB of memory.

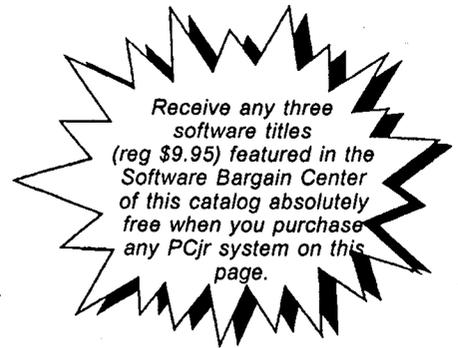
#11212 Reg. Catalog Price \$637.90  
\*Additional shipping \$5.

#### System Includes:

- Genuine IBM Enhanced Model PCjr System
- Five PCE System Board Modifications for greater compatibility and expandability
- 8088 Microprocessor
- Enhanced CGA Graphics Adapter
- 5.25 inch 360K Floppy Diskette Drive
- 300 Baud Internal Modem
- Wireless 62-key Keyboard (requires two AA size batteries)
- RS232 Serial Port
- Two Joystick Ports
- Two Cartridge Slots
- Unlimited Expansion Slots
- Adapter for Television
- Power Transformer

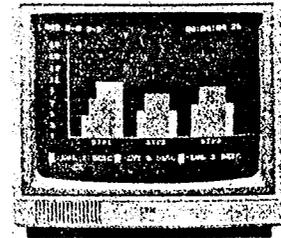
#### Software and Manuals Included:

- IBM PC-DOS with Manual
- Brown Bag Word Processing Software
- PCjr Starter Diskette
- Exploring the IBM PCjr Diskette
- Guide to Operations Manual
- PCE Utility Diskette
- IBM Internal Modem Software
- \$15 CompuServe Usage Credit



Receive any three software titles (reg \$9.95) featured in the Software Bargain Center of this catalog absolutely free when you purchase any PCjr system on this page.

## \$199



### IBM PCjr COLOR DISPLAY\*

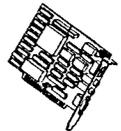
The PCjr Color Display is the monitor normally used with the PCjr. This is a digital monitor capable of displaying text in 80 column modes and vivid 16-color Enhanced CGA graphics. Screen size 13.25 inches. Can also be used to display 200 line EGA graphics on PCjr's that have a Display-Master VGA Sidecar. Built-in amplifier and speaker. Reconditioned. Limited supplies.

#78705

\*Additional Shipping \$5

### PARADISE EGA CARD

This display adapter card will allow you to connect an industry standard CGA or EGA monitor to an IBM or compatible PC, XT, 286, 386, or 486 computer. It is unique because it makes it possible for CGA monitors to display 200 line EGA graphics! Works with any monitor that has an industry standard 9-pin D-type connector, or with the PCjr Color Display when uses with the PCjr Monitor Adapter below.



#79062 \$49.95 Reg. \$129.95

### PCjr MONITOR ADAPTER

Here's all you need to connect the PCjr Color Display to your existing CGA card! Converts the existing 18-position PCjr connector to an industry standard 9-pin D-type connector. Note that CGA cards are restricted to displaying 4-color CGA graphics. To display 16-color EGA graphics with the PCjr monitor you must also purchase the Paradise EGA card (above).

#22526 \$49.95

### PCjr MONITOR ADAPTER KIT

Includes a PCjr Monitor Adapter and the Paradise EGA Display Adapter Card. Allows the PCjr Color Display to display 200 line 16-color EGA software on any industry standard 8 or 16 bit computer.

#10087 Save \$10 Only \$89.95

## Its easy to connect a Printer to Your PCjr!

Printers that use a "Parallel" interface are recommended for use on PCjr computers because they allow you to add a printer without using the computer's only serial port.

To connect a printer with a parallel interface all you'll need is a PCjr printer attachment and a PCjr parallel printer cable. Complete packages (described below) offer everything that you will need.

Printers that use a "Serial" interface plug into the "S" connector located on the rear of all PCjr systems. Serial printers purchased from PCE come with a PCjr Serial Printer Adapter and all other necessary cables.

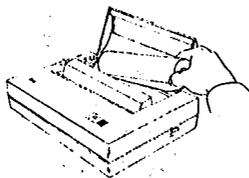
## Complete Printer Packages Offer Additional Savings!!!

Complete printer packages offer hassle-free installation because they include everything you need to start using your printer the day it arrives! Packages include the printer of your choice, a PCjr Parallel Printer Attachment, 6 foot PCjr printer cable, two printer ribbons, and over 100 sheets of continuous form tractor feed computer-paper!

### PRINTER RIBBONS

#78607	NEC Elf Ribbon	\$ 9.95
#78606	Star NX-1001NL Ribbon	\$ 5.95
#78623	Star NX-1040 Rainbow	\$19.95
#78613	Star NX-2420 Ribbon	\$ 5.95
#78625	Star NX-2480 Rainbow	\$19.95

## \$4.99 Per Roll



### THERMAL PAPER

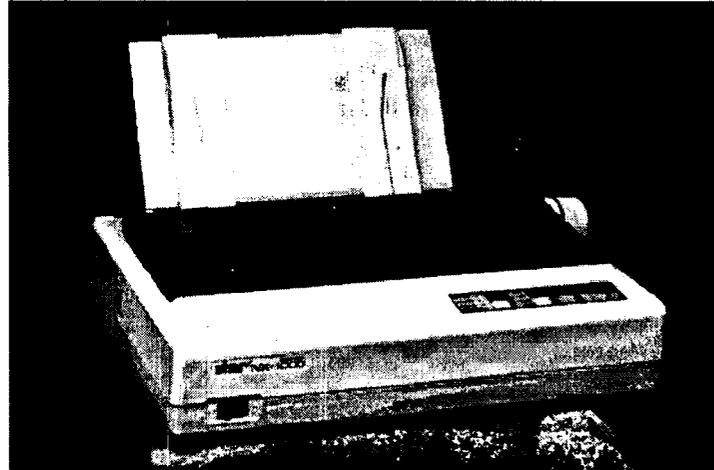
Works with the IBM Compact Printer. Supplies are limited so hurry. 80 foot roll.

#80030

PCjr Printer Packages

## Parallel Interface Printers\*

These dot-matrix printers are the most popular PCjr printers that we sell. Select a printer that only prints in one color for greatest economy, or purchase a color printer to print in 7 beautiful colors. All use replaceable ribbons and permit you to print on regular paper as well as tractor feed computer paper. Select any of these dot-matrix printers for good speed and Near-Letter-Quality printing. Dot-matrix printers print text as well as graphics. Printers with 9 and 24-pin print heads are offered.



\*9-pin STAR printer shown in photo. Other Star printers (below) look similar. Choose any of four basic styles. Additional shipping \$5.

### 9-Pin Dot-Matrix Printers

Standard print quality and speed.

### 24-Pin Dot-Matrix Printers

Superior print quality and speed.

## Sale \$169

### STANDARD 9-PIN PRINTER

Prints 150 cps in draft mode, and 38 cps in near-letter-quality mode. Push button control panel, tractor-feed, Epson and IBM compatible. Parallel interface. Star NX1001NL.

#78610

## Sale \$269

### COMPLETE NX1001NL PACKAGE

#10076

## Sale \$239

### SUPERIOR 24-PIN PRINTER

Prints 222 cps in draft mode and 67 cps in near-letter quality modes. Push button control panel, tractor-feed, Epson and IBM compatible. Parallel interface. Star NX2430.

#78617

## Sale \$339

### COMPLETE NX2430 PACKAGE

#10073

## Sale \$199

### STANDARD 9-PIN COLOR PRINTER

Similar to the NX1001NL (above) except prints in color! Star NX1040 Rainbow.

#78618

## Sale \$299

### COMPLETE NX1040 RAINBOW COLOR PACKAGE

#10072

## Sale \$309

### SUPERIOR 24-PIN COLOR PRINTER

Similar to the NX2430 (above) except prints in color! Star NX2430 Rainbow.

#78624

## Sale \$409

### COMPLETE NX2480 RAINBOW COLOR PACKAGE

#10074

To Place an Order Call Toll Free 1-800-922-7257

Product Sheet #80384-1

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Select any four titles from the Software Bargain Center and receive the least expensive free! Limited quantities so call before ordering.

**Runs on IBM PC, XT, PCjr and Compatibles with 128KB**

## Master Match



Match wits with the computer or a friend while you challenge your mind. The friendly owl invites you to find matches in pictures and words hidden beneath mystery squares on your screen. Peek under two

squares each turn - then try to figure out how the clues match. Tension mounts as you uncover clues your opponent can use. A right answer wins you points. Ages 6 to adult.

#86626 \$29.95

## Tic Tac Show



Broaden your child's horizons with new facts and concepts about our world. Tic Tac Show gives your child an exciting strategy game that motivates while it entertains.

You'll find questions in true/false, question/answer, fill-in-the-blank and multiple choice formats. Ages 4 to adult.

#86625 \$29.95

## BrownBag Word Processor



You can create keyboard macros and use the mailmerge feature with dBase and other database software. Full proportional font. 256K required to use spell check feature.

#86322 \$29.95

## Computer Novel Construction Set



Designed so that you can create your own exciting interactive fiction. Now, in addition to being the central character in text adventures, you can also be the author...the creator of swashbuckling heroes, dastardly villains, romantic encounters, alien planets, whatever your mind can conjure up. No programming skills required.

#86315 \$9.95

## IBM Planning Assistant



This easy-to-use electronic spreadsheet lets you analyze "what if" situations in planning, budgeting, projecting, and forecasting. Offers on-line help screens and customized formulas for advanced calculations.

Exchanges data with other IBM Assistant programs.

#86006 \$29.95

## IBM Graphing Assistant



This program helps you create colorful line, bar, and pie charts from keyboard and information stored in IBM Filing Assistant. These charts and graphs can also be incorporated into documents produced with IBM Writing Assistant.

#86018 \$29.95

## IBM Reporting Assistant



Helps you custom-design reports from keyboard and IBM Filing Assistant. Select the items to be printed and the order in which they will appear. Use simple commands to format, sort, calculate, and print reports. Requires IBM Filing Assistant.

#86023 \$29.95

## Monsters and Make-Believe



Makes learning more fun!! You can create thousands of magical characters with over 100 body parts. Monsters and Make-Believe stimulates creative writing skills and helps the user develop a sense of balance, design, and matching skills. Design a monster coloring book, stationary or greeting cards. 3.5" diskettes.

#86220 \$29.95



## Time to Die

A noise in the dark - who's there? Better find out quickly because somebody's after you and if you don't stop them in time they are going to get away with murder! Yours! Excellent graphic illustrations.

#86642 \$9.95



## Storm

Corrine, the beloved wife of Storm the Warrior has been abducted by the evil Una Cum and is being held prisoner against her will in his laboratory lair. Take the part of Storm (or Agravaun the Undead) in this multi-role, one or two player all action real-time adventure to rescue the Lady Corrine.

#86650 \$14.95



## The World's Greatest Baseball Game

Choose from over 75 great teams including classics from the past, World Series and All-Star teams using the actual players statistics. Not satisfied with your line-up? Make deals and trade for better players.

#86653 \$19.95

Also Available:

## The PCjr Users Guide

This 158 page guide may very well be the most important reference guide PCjr users can purchase. Written by the writers, readers and editors of jrNewsletter and published in 1994 this guide provides hundreds of useful tips and tricks to get the most from your PCjr.

Includes chapters titled "The Beginners Corner", "Getting to Know your Jr", "PCjr Tips and Tricks", "Diagnosing and Fixing Problems", and PCjr do-it-yourself projects. A must have for all PCjr users.

#85037 \$19.95

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Select any four titles from the Software Bargain Center and receive the least expensive free! Limited quantities so call before ordering.

**Runs on IBM PC, XT, PCjr and Compatibles with 256KB**



## Feud

A magical mystery with a vengeance! Take the part of a feuding medieval wizard and slug it out, spell for spell, with an amazingly cunning computer opponent.

#86630 \$9.95



## Alf's World of Words

Explore the fascinating and exciting World of Words with Alf! Alf will help you 'Alf'-abetize his

special lists of words and even create new compound words! Contains three educational games for children ages six and up.

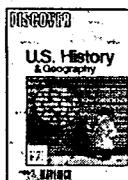
#86223 \$12.95



## Discover Alphabet

Discover letters and abbreviations, two, three, four letter words and more! Ages six and up.

#86226 \$12.95



## Discover US History & Geography

Discover the United States, presidents, notable people and events. Ages eight and up.

#86227 \$12.95



## MTV's Remote Control

This is the official computer software version of MTV's ridiculous trivia game show. Just answer the silly questions about Rock-'n'-Roll and Junk Trivia and win lots of points! You'll be the envy of your friends, and best of all you don't have to be smart to win!

#86638 \$9.95



## Alf's Thinking Skills

Sharpen your child's thinking skills! Alf utilizes big shapes, bright colors and even the Tanner's pet, Lucky, to help your child solve logic problems.

Contains three educational games for children ages seven and up.

#86225 \$12.95



## Dark Castle

Can you survive the haunted house on the hill? From the moment the creaking drawbridge closes behind you until you slay the Black Knight, Dark Castle is a nonstop life-and-death adventure.

#86634 \$9.95



## Alf

Alf's best buddies from Melmac have crash landed their spaceship on Earth! Guide Alf through the maze-like neighborhood, as he collects all that was lost from the spaceship. Join him in the race against time and the Dog Catcher as you help him collect objects, rebuild the spaceship, and return his friends safely to space! 384KB required.

#86603 \$9.95



## Grade A Student Word Processor

Three fully integrated modules in one program! This program allows you to plan and write papers more efficiently and effectively. Provides organizational tools to help you organize and create ideas as well as develop writing skills.

#86233 \$29.95



## Grade A Spelling

Improve spelling skills with this lively and challenging teacher-designed and classroom tested arcade

style software. Have fun as you progress from the novice level to the intermediate level, and then on to advanced.

Grades 2, 3, & 4 #86232-1 \$12.95

Grades 4, 5, & 6 #86232-2 \$12.95

Grades 6, 7, & 8 #86232-3 \$12.95



## Grade A Vocabulary

Master 300 new words, definitions, and their usages with this exciting arcade style software. Have fun as you progress through the 12 word lists grouped into four levels of difficulty.

Grades 2, 3 & 4 #86231-1 \$12.95

Grades 4, 5 & 6 #86231-2 \$12.95

Grades 6, 7 & 8 #86231-3 \$12.95



## Ninja

Ninja! The most fearsome warrior in history, now faces the ultimate test in the Palace of Death. He must prove his worth to the Princess of the Orient by recovering her priceless idols from the grip of the Evil One. Are you good enough to take the test of Ninja and come out on top?

#86639 \$9.95



## Arcade Games & Sports Spectacular

Experience the thrills and perils of today's hottest arcade and sports games! PCjr requires Compatibility Cartridge.

#86640 \$9.95



## Shogun

Test out your powers of intelligence, cunning, politics and combat against some of the most powerful figures in history! Choose the part of Blackthorne, Ishido, Zen Master Ikematu, or become a Samurai Warrior - or even a Peasant.

#86641 \$9.95

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Select any four titles from the Software Bargain Center and receive the least expensive free! Limited quantities so call before ordering.

**Runs on IBM PC, XT, PCjr and Compatibles with 256KB**

## Win, Lose, or Draw Junior



Take the challenge! Are you "the quickest on the draw"? Find out. Play the game that always erupts into a frenzy of laughter. Delight in the amazing picture puzzles that appear before your eyes

each time a new round starts and the computer begins drawing the game's first clues. Ages 8 to 15.

#86712 \$9.95



## Wheel of Fortune I

Just like the TV show, you take your turn spinning the wheel for a chance to guess a letter in the hidden phrase on the game board. Can

you decipher the partially revealed phrase before your opponents do?

#86702 \$9.95

## Wheel of Fortune II

Wheel of Fortune II brings more authentic TV magic to your computer with hours on non-stop entertainment.

#86703 \$9.95

## Card Sharks



It's just you and "Lady Luck". How will the next card fall...higher or lower? Come on, bet big, take the gamble and play for hours. It's fast, fun and full of surprises.

#86707 \$9.95



## \$100,000 Pyramid

Strike it rich as the newest contestant in the hottest word-association game. Hours of entertainment will be provided as you race

against time to identify the objects and categories from the clues provided.

#86709 \$9.95



## Micro Cookbook

Need cooking ideas? This program allows you to choose from over 150 different recipes from all over the world. Designed to make cooking fun and easy!

#86310 \$14.95



## Certificate Maker

Create your own certificates. choose from over 200 certificates in many different categories. Includes various typefaces and borders. Also includes over three dozen colorful seals. Works best with a dot matrix printer.

#86311 \$14.95



## Bruce Lee

Twenty screens of excitement and skill, as the martial arts master sets out on a quest for immortality and wealth. Can he

triumph over Ninja assassins and the Green Yamo?

#86510 \$14.95



## The Bard's Tale

The legend began here - with a heroic band of adventurers, an evil wizard

named Namgar, and a mythical city called Skara Brae. Realistic first-person animated graphics, the fastest gameplay of any dungeon fantasy, and the unique powers of the Bard - a unique character whose magic is in his music.

384KB recommended  
#86504 \$14.95



## Psycho

Travel to the Bates Motel to unravel this mystery. Enter both the Motel and the forbidden house on the hill. Search for clues. Keep

your eyes alert and your back to the wall as you encounter the psychotic Norman Bates and his curiously silent mother.

#86610 \$9.95



## Writer Rabbit

Teaches children the basic building blocks for writing. In six carefully sequenced games, children learn to put together words and phrases

to build complete sentences. Grades 2 to 4.  
#86208 \$29.95



## Donald's Alphabet Chase

It's roundup time at Donald's house.

Mischievous alphabet pets have slipped out of the toybox, and are running wild all over the house! Preschoolers are invited to join Donald in this crazy game of hide-and-seek as he scrambles from one end of the house to the other to recapture all 26 letters of the alphabet. Ages 2-5. 384KB required for Tandy.

#86221 \$14.95

## Concentration



Test your memory in this exciting computer version of the Official TV Game show. Match the pairs of prizes on the board and uncover pieces of a hidden picture puzzle. 384KB required.

#86706 \$9.95



## High Rollers

High stakes, big money, hard questions, and tough competition... all of this and more in this exciting computer version of the hit

TV game show. Hit the buzzer, answer the multiple choice questions, and you will win the chance to roll the dice for cash and prizes. 384KB required.

#86708 \$9.95



## Challenger Pack

This package includes two programs for the price of one! Exciting space games challenge you to save the

world, while the board games enable you to use your cunning mind to take the match!

#86644 \$9.95

# Software Bargain Center

**Buy Three and get One FREE!!**

Select any four titles from the Software Bargain Center and receive the least expensive free! Limited quantities so call before ordering.

**Runs on IBM PC, XT, PCjr and Compatibles with 256KB**



## Win, Lose or Draw

Your animated host guides the action as the computer unveils a small piece of the illustration. The tension mounts as you get closer to the answer. And so do the laughs as you try to outwit your friends. It's fun for the whole family!  
#86711 \$9.95



## The Resume Writer

Everything you'll ever need to land that one-in-a-million job you've always dreamed of! This complete and interactive program is divided into four sections to take you step by step through the job search process from initial contact to follow-up letters.  
#86339 \$14.95



## Demon's Forge

Banished by the King for killing four Palace guards in a pub brawl, you have been sent to the caverns of Demon's Forge. You must escape from the perils inside by passing through the caverns.  
#86648 \$12.95



## Wipeout

Fascinating fun - fast and furious - challenging your memory and matching your wits against friends and family, or even the computer itself. All you have to do is keep choosing the right answer. It's that simple! Or is it? One wrong answer and ...WIPEOUT!  
#86710 \$9.95



## Flu-Shot +

A vaccination program that protects you and your computer system against invading, often lethal, computer viruses. Includes "The Virus Protection Handbook" (\$19.95 value).  
#86344 \$12.95



## L.A. Crackdown

An illegal drug called Samadhi has just come in from Hong Kong. Unless you can break up the drug ring, half of Los Angeles will soon be under its pernicious influence.  
#86635 \$12.95



## Blackjack

Play against friends or match wits with the computer in this fun and realistic casino game for players of every skill level. Learn the rules, correct moves, improve play or study card-counting systems.  
#86631 \$14.95



## Jonah Barrington's Squash

Squash, the fastest growing, fastest moving game around. Requiring total fitness and total dedication. This is the simulation that brings all of that to your computer.  
#86649 \$12.95

## US History: Discovery to Reconstruction



Designed for students in grades 5 and above. Presents challenging questions about important people, dates, facts and events concerning the history of the United States from discovery and settlement to the reconstruction period following the Civil War.  
#86228 \$9.95



## Backgammon

Match wits with the computer in Backgammon, the game of skill and luck. If you're an experienced Backgammon player, you'll enjoy the challenge. If you've never played before, here's your chance to learn all the tricks of the game. Roll the dice!  
#86632 \$14.95

## Designasaurus



An exciting program for everyone who loves dinosaurs! The program has three parts: Walk-A-Dinosaur, Build-A-Dinosaur and Print-A-Dinosaur, which increase the child's interest in science and stimulates creative and independent thought. 512KB required.  
#86206 \$9.95



## PC Powerpack

Three powerful, easy-to-use programs that interface together to create a complete productivity system. Includes PowerWord with spell checker, PowerCalc and PowerFiler with label maker.  
#86337 \$9.95



## Alf's US Geography

Come join Alf on a fantastic journey through the fifty states of America! Learn about the unique geography that makes each state special! Contains five educational games for children ages eight and up.  
#86624 \$12.95

## Codename: Iceman



You as Johnny Westland must crack the deadly security of a terrorist base and rescue a hostage ambassador. With the use of naval intelligence charts, pilot a submarine into the enemy territory. This exciting adventure game combines action and realistic simulation. Supports PCjr 16-color graphics. 640KB.  
#86621 \$35.25

# Software Bargain Center

**Buy Three and get One FREE!!**

Select any four titles from the Software Bargain Center and receive the least expensive free! Limited quantities so call before ordering.

**Runs on IBM PC, XT, PCjr and Compatibles with 256KB**

## Think Quick!



An educational, fun game which will help build your child's thinking skills. With six different game levels, your child will go from room to room solving different puzzles.  
#86204 \$25.95



## Space Quest: The Sarian Encounter

The player will board enemy space ships, explore alien landscapes and encounter weird creatures in this tale of action and adventure in deep space. Features 3-D graphics and animation, arcade sequences and an inventive plot.  
#86607 \$29.95



## Police Quest

In Police Quest, you take on the role of a street cop in uniform. You'll deal with the routine of police life, handing out tickets, attending briefings, and even discovering your best efforts tangled in the red tape of the judicial system. If you make a good cop, you may be asked to "go undercover" in an assignment to infiltrate the "Death Angel's" gang, and bring the racketeer to justice.  
#86606 \$29.95



## Bank Street Writer Plus

Word processors don't get any easier than Bank Street Writer Plus. But don't let its simplicity fool you. Bank Street Writer Plus is a sophisticated word processor offering a host of features once found only in much more expensive programs.  
#86318 \$59.96



## DS Tutor

A powerful, interactive educational tool designed to teach beginning users how to use a personal computer and DOS. 384KB recommended.  
#86015 \$24.95

## The Game Show



Animated game partners motivate learning in this exciting game of clues and target concepts. Contains 40 topics on math, science, language and social studies. You also get grade-specific documentation, lessons and activities. The right answer wins points—and applause. Ages 6 to adult.  
#86624 \$31.85



## Wizard of Words

The Wizard creates his magic with a powerful list of 38,000 words. With the Wizard's word list you can tailor each game to develop your child's language skills. No knowledge of computers is necessary. Five fun learning games. Ages 5 to adult.  
#86627 \$31.85



## Dinosaurs

A colorful prehistoric world that teaches pre-schoolers matching, classification, pre-reading and pre-counting through creative exploration. Colorful, animated rewards build your child's concentration and self-confidence.  
#86628 \$31.85



## Stars & Planets

By exploring outer space children learn counting, sequencing, pre-reading and matching skills through creative discovery. Six fun-filled learning games include planet name matching, "moonscape" rock collecting, build your own rocket, and constellation matching. Ages 3 to 6.  
#86629 \$33.85



## Demon's Tomb

An archaeological dig in a remote English forest uncovers an eerie tomb. The archaeologist is doomed to perish in a violent and horrifying way, and his son vows to solve the mystery of his death. Requires 384KB.  
#86646 \$9.95



## Star Fleet I

Your ship: one of the most powerful fighting cruisers in the universe. Your mission: to protect the Alliance from invasion. Your challenge: meet the enemy's artificial intelligence with your own cunning. This is one of the most complex, challenging star fantasies ever! 384K recommended.  
#86501 \$29.95



## Mavis Beacon Teaches Typing!

Dynamic progress charts track improvement in 25 areas. It's like having the world's best typing teacher at your elbow! Requires 2 disk drives.  
#86016 \$29.95



## Copy II PC

Protect your valuable software investments. Copy II PC is one of the best backup programs for copy protected disks. It allows you to back up most copy protected software and can even copy 5.25" disks to 3.5" disks.  
#86314 \$39.96

## Leisure Suit Larry in the Land of the Lounge Lizards



A humorous and harmless 3-D animated adventure game for adults. Larry is the original blind date nightmare - the kind of guy you wouldn't want your daughter to date, let alone meet. The goal is to help Larry become a hit with the ladies.  
#86601 \$23.50



## California Games

Put on your knee pads - you're about to have the most fun you've had since Mom hid your skateboard. Enter six wild events and compete against up to eight players. Win enough trophies to become a California champion! 640KB required.  
#86608 \$19.95

# Software Bargain Center

**Buy Three and get One FREE!!**

Select any four titles from the Software Bargain Center and receive the least expensive free! Limited quantities so call before ordering.

**Runs on IBM PC, XT, PCjr and Compatibles with 384KB or More Memory**

## Super Solvers: Outnumbered



Recommended for ages 7-12. This fun-filled game combines arcade action with word problems that use charts, lists and graphics to help children analyze and solve basic math problems in multiplication, division,

addition and subtraction. 512KB required.

#86211 \$30.95

## Super Solvers: Challenge of the Ancient Empires



Recommended for ages 10 & up. The world's most priceless artifacts were stolen by thieves centuries ago. You must recover the priceless artifacts by discovering the secrets of the caverns and chambers,

fearlessly confronting menacing cave creatures. 512KB required.

#86214 \$30.95

## The Chessmaster 2100



Chessmaster 2100 contains every feature that skyrocketed "2000" to the top of the charts! Stunning 2-D and 3-D graphics, a mammoth opening library (now expanded to over 150,000 positions), "Hint",

"Teaching", and "Show Best Variation" modes, and levels and styles of play from "Newcomer" to "Grandmaster". Perhaps the world's finest chess program. 384KB/512KB recommended.

#86508 \$19.95

## Super Solvers: Midnight Rescue!



Recommended for ages 8-11. Midnight Rescue helps develop your child's reading and thinking skills; reading for the main idea, remembering key facts, gathering meaning and drawing conclusions. Your

child will have an appreciation of reading that will last forever. 512KB required.

#86212 \$30.95



## Chuck Yeager's Advanced Flight Trainer

Climb into the cockpit with Chuck Yeager and learn the basics of flying Cessnas. Break the sound barrier in the Bell X-1. You'll follow Yeager through death-defying stunts. 384KB required.

#86506 \$29.95



## First Expedition

Thousands of miles of uncharted ocean. Hundreds of unexplored islands. Pirates. Traders. Storms.

Braun the Explorer sets out with one boat, one companion, and a star to navigate by. 384KB/512KB recommended.

#86503 \$29.95

## Super Solvers: Treasure Mountain!



Recommended for ages 5-9. Stop the Master of Mischief by answering questions from the local elves, who will assist you in finding the hidden treasures. Helps enrich your children's reading, thinking, math and

science skills. 512KB required

#86213 \$30.95



## Starflight

Where no space game has gone before... You and your crew take off for the core of the galaxy - and soon discover that you're not alone. 384KB/512KB recommended.

#86505 \$19.95



## Trivial Pursuit

Challenge your memory using your computer. Play against your friends or any of the six computer

opponents. 384KB required.

#86622 \$25.95



## Earl Weaver Baseball

New standard in baseball simulation software. Action game that challenges your skill and

puts you against a friend...or Earl Weaver. 384KB/512KB recommended.

#86507 \$29.95



## IBM Drawing Assistant

Create drawings and edit graphs for personal and business communications. Add text in four type styles

and choose from a variety of colors or shades. Incorporate drawings into documents created by IBM Writing Assistant. Mouse required.

#86024 \$49.95



## Leisure Suit Larry Goes Looking for Love

Larry wins the lottery (or does he?). Now Larry is looking only for Miss Right as opposed to Miss Right Now. Will Larry get lucky and find someone who loves him for the person that he is? 512KB required.

#86609 \$29.39



## Awesome Earl in SkateRock

It's Skateboard Mania! Hit the streets with Awesome

Earl and his radical skateboard, but be prepared for some fast action. 512KB.

#86633 \$12.95



## The California Raisins

The California Raisins are being held captive at the dreaded Cereal Factory by some real flakes. Help fight these junk food meanies.

#86654 \$12.95



## Circus Games

Enter the Big Top and become a part of the fabulous Circus! Four action packed activities in all!

#86655 \$12.95

# Best Selling Software Titles

Runs on IBM PC, XT, PCjr and Compatibles with 384KB or More Memory



## Number Munchers

Recommended for ages 8 to adult. Designed to help children practice their skill at recognizing basic numbers and relationships. 512KB required.

#86217 \$31.95



## ProComm Plus

This modem communications software allows remote access while you're away on business and enables you to dial into other BBS's. Supports 12 transmission protocols, emulates 16 types of terminals. Includes 1.44MB diskettes and coupon for free 360KB diskettes.

#86327 \$99



## Microsoft Windows v3.0

This is the latest version of Microsoft Windows that runs on computers that do not have extended memory.

Requires 640KB, hard drive, and DOS 3.1 or later. And yes, Windows 3.0 runs on a PCjr

#86041-1	360KB disks	\$49.95
#86041-3	720KB disks	\$49.95



## MS-DOS 6.2 Upgrade

The newest version of MS-DOS. Also includes an anti-virus program, a new backup program and a memory optimizer. Previous version of DOS required.

#86040-1	360KB disks	\$59.95
#86040-2	1.44MB disks	\$49.95
#86040-3	720KB disks	\$59.95
#86040-4	1.2MB disks	\$49.95

## My Checkbook



An easy-to-use checkbook program that writes checks, and prints reports which put you in financial control. Holds approximately 1,000 checks on a 360K diskette and 3,000 checks on a 720K diskette or hard drive.

384KB required.  
#86332 \$24.95

## Where in the USA is Carmen San Diego?



Travel the United States searching for Carmen and her gang. You'll have Fodor's USA travel guide to help dig up thousands of facts and interpret the clues. Includes a large fold-out map of the USA! 512KB.

#86612 \$31.95



## Where in the World is Carmen San Diego?

The metropolis awakens to find the Statue of Liberty's torch gone...Stolen! There are 10 possible suspects, 30 cities and nearly 1000 clues. Decipher clues by looking up facts in the World Almanac (included). 512KB.

#86611 \$33.95

## Where in Europe is Carmen San Diego?

Carmen strikes again! Track Carmen and her gang across 34 European nations using the "Concise Atlas of Europe" (included). While traveling through the European nations you will learn about geography, history, economy, and culture. 384KB.

#86620 \$32.95

## Where in Time is Carmen San Diego?

Carmen is on another exciting detective chase far into the past, somewhere between 400 A.D. and the 1950's. History is brought vividly to life highlighting leading people, events and invention. Use the New American Desk Encyclopedia (included) to solve the case. 512KB and 2 disk drives.

#86619 \$32.95



## Mickey's Colors & Shapes

In this easy-to-use entertaining program, children can learn by exploring at their own pace. Any color or shape key your child presses on the special keyboard overlay makes something magical happen every time! Ages 2-5. 512KB (640KB for Tandy), two 5.25" or one 3.5" or a hard drive required.  
#86222 \$14.95

## Super PC-Kwik



This advanced disk cache program features up to 25% faster I/O than the previous version, simple installation, optional delayed writes, extended or expanded caches up to 16MB and dynamic memory-sharing

with other applications. Compatible with IDE, MFM, RLL, ESDI, SCSI and floppy disks.

#86330 \$39.95



## Quicken

Easy-to-use and powerful financial program that's ideal for both business and personal use. Reporting options include P&L's, cash flow and balance sheets. Works like your checkbook, so you'll know what to do right away! PCjr requires Compatibility Cartridge.

for DOS #86303-1 \$45.95  
for Windows #86303-2 \$45.95



## The New Print Shop

This program allows you to design your very own signs, banners, invitations, letterheads and more. With a large range of designs and eight different typefaces, it's like having your very own print shop right at home. 512KB and hard drive required for color printing.

#86301 \$39.95



## The New Print Shop Companion

Expand your print shop! This program includes more typefaces, borders and graphics. Now you can design your own alphabets with the font editor. The print shop companion will let you take your creativity one step further. 512KB.

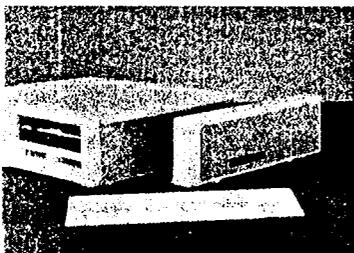
#86302 \$37.46

# Memory Expansion for IBM PCjr Computers

## FREE SOFTWARE WITH ANY PCJR MEMORY EXPANSION PRODUCT FEATURED ON THIS PAGE

Select any user supported software title, any Spinnaker Cartridge software title featured in this catalog, or any software title from our Software Bargain Center (value \$9.95 or less) absolutely free!!! Offer limited to availability. List two alternates. Limited time only.

## Megaboard Sidecars Add Megabytes of Memory to your PCjr



Sale  
**\$199**

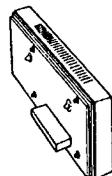
### 1024KB PCE Megaboard Memory Expansion Sidecar

The most desirable memory product that we offer! Each MegaBoard expands conventional memory from 128KB to 736KB (753,664 bytes) while providing 416KB for use as a Ramdisk. MegaBoards provide tremendous performance improvement when used to run software designed to use a Ramdisk (examples: Ventura Publishing, dBase). New. Full year PCE warranty.

#14031 Reg. Price \$325

## IBM PCjr Memory Expansion Sidecars Increase Memory to 640KB

Sale  
**\$149**



### 512KB IBM Memory Expansion Sidecar

These are previously owned IBM 128KB sidecars that have been upgraded to 512KB by PCE. Once installed, system memory is increased to 640KB. Limited quantities. Full year warranty.

#14019 Reg. Price \$199

**\$99**

### 128KB IBM PCjr Memory Expansion Sidecars allow 640KB PCjr's to expand to 736KB

Purchase this sidecar if you already have 640KB of memory and want to upgrade to 736KB. Once installed, your computer will have 753,664 bytes of total memory.

#78727

**\$99**

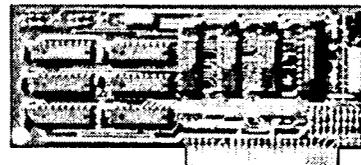
### Add 128KB of memory to your IBM PCjr

Purchase this sidecar if you currently have less than 640KB and would like to add memory in 128KB increments.

#78715

## Upgrade your 640KB PCjr to 736KB

Only \$50



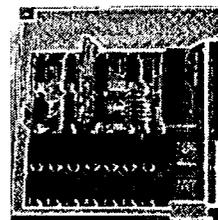
### 192KB Internal Memory Card

Replaces your existing 64KB memory card and therefore provides an additional 128KB of memory. PCjrs with 512KB are upgraded to 640KB while those with 640KB are upgraded to 736KB. PCE system board modifications required. Call for details.

#14032

## Racore Brand Memory Expansion Products

If your PCjr now has two internal floppy disk drives you may have a PCjr enhancement system made by Racore, Quadram, or Rapport installed. If your PCjr has one of these systems you can install either of the memory boards listed below.



**\$49**

### 384KB Racore Memory Expansion

Increases memory from 128KB to 512KB.

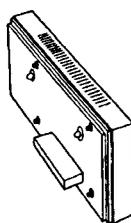
#32520

**\$99**

### 512KB Racore Memory Expansion

Increases memory from 128KB to 640KB. Often purchased to replace a 384KB board in order to upgrade system memory to 640KB.

#32523



**\$179**

### 512KB PCE Memory Expansion Sidecar

PCE 512KB jrSidecars are brand new and dependable. A single 512KB sidecar increases memory from 128KB to 640KB. Expands 256KB PCjr's to 736KB. New. Full year PCE warranty.

#14024 Reg. Price \$245

## Adding Memory to the IBM PCjr is Fast and Easy!!!

The Enhanced Model PCjr came with 128KB of memory, although the computer's memory can easily and inexpensively be increased to 736KB by installing memory expansion sidecars.

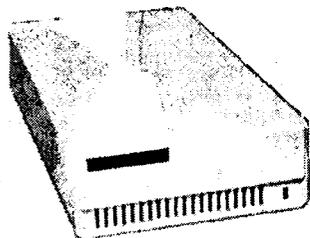
A sidecar is a computer add-on product inside a plastic case. The plastic case plugs into the right hand side of any PCjr, after the computer's snap-in-place plastic panel is removed. Upgrading the memory of your PCjr only takes about five minutes, and does not even require removing the computer's lid.

While many programs run with 128KB of memory installed, most require additional memory to run. Additional memory is therefore the first thing, and often the only thing the PCjr needs to run most PC compatible software.

# PCjr Storage Systems

from  
**\$245**

## External SCSI Hard Drive Systems



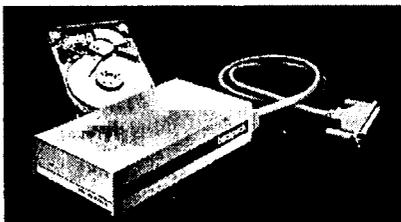
These systems come with everything you need to add a hard drive to your PCjr. They use the PC Enterprises TMC850jr SCSI Adapter sidecar with the Future Domain Chip Set installed. The drive is mounted in its own case that sits on top or alongside the PCjr. Can be installed in minutes even if you are a novice user. One year warranty. Limited quantities.

#12585	42MB System	\$245
#12576	52MB System	\$269
#12618	170MB System	\$399

## Hard Drive Systems that Plug into the PCjr's Parallel Port

*Installs without Removing the Computers Lid!*

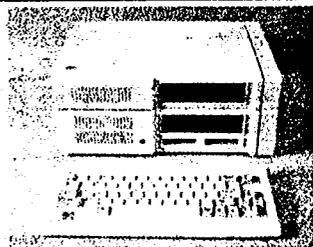
Adding an external hard drive to the PCjr could not be easier! If you use more than one computer and would like to purchase a hard drive that can be interchanged from one to another without a hassle, this hard drive system is ideal.



210MB System	#12567-7	\$425
250MB System	#12567-5	\$445
340MB System	#12567-6	\$499

## Snap-On-Top PCjr SCSI Hard Drive Systems

A hard drive system does more to make your PCjr faster and easier to use than any other product you can buy. This SCSI system is extremely fast, reliable, and easy to use!



These PCjr hard drive systems snap on top of the PCjr system unit. Once installed, your PCjr looks like it came from the factory with the hard drive already installed. Everything needed is included. Memory and other sidecars plug into the right hand side in the usual manner. Limited quantities.

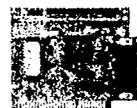
<b>85MB System</b>	
#12532	\$379
<b>120MB System</b>	
#12550	\$399

## Understanding Drives that plug into the Computer's Printer Port

The easiest way to connect a floppy, hard, or CD-ROM drive to the PCjr is to connect a drive that plugs into the computer's printer port! These drives do not interfere with your printer because a new printer connector is provided on the rear of the drive's enclosure. Printer port drives are also popular because they are portable, making it possible to use one drive with more than one computer. Daisy chain any number of drives together.

## Use your PCjr Hard Drive System on a 286, 386, or 486 Computer

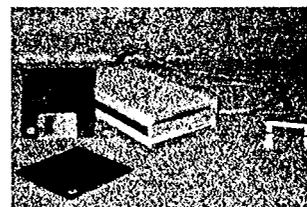
If you ever trade your PCjr for a more powerful computer, this kit will allow you to continue using your PC Enterprises SCSI hard drive system! Kit includes the Future Domain TMC850 host adapter and a cable that allows you to connect up to three PCjr SCSI hard drives and CD-ROM drive systems. Works without purchasing anything else on all XT or AT class computers.



#79041 \$69.95

## External Floppy Drives that plug into the PCjr's Parallel Port

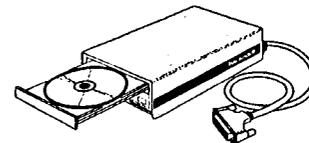
External systems come with their own power supply and enclosure, and can be connected to any PCjr, or other computer, that has a standard parallel printer port. These systems are popular with people who own more than one computer because they are portable - allowing one system to be used by any number of computers.



#12557	1.44MB System	Sale \$199	Reg \$325
#12558	2.88MB System	Sale \$249	Reg \$325
#12559	1.2MB System	Sale \$199	Reg \$275

## A CD-ROM Drive you can install on your PCjr!

This is perhaps the easiest CD-ROM system to install because it plugs right into the PCjr's parallel port. Also works in IBM PC, XT, and compatible computers.

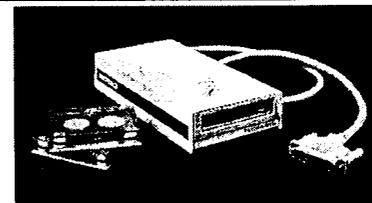


- Built-in audio with headphone and line output jacks
- Multi Session PhotoCD compatible
- Works with MS-DOS 3.1 and above
- Works in any computer that has an IBM compatible parallel printer port

Standard Version  
#12575-1 \$395

Dual Speed Version  
#12572-2 \$475

*Backing up your hard drive has never been this easy!*



## External Tape Drive

This external tape drive plugs into your PCjr's parallel port. You don't even need to remove your computer's cover. Backup to 240MB on a single DC2120 Mini Data Cartridge (#55018 \$24.95).

#12541 \$349

# PCjr Goodie-Boxes only \$59.95!

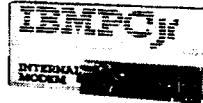
Here's your chance to purchase a value-packed box full of PCjr Goodies for just a fraction of the regular catalog price. Once our supplies have been exhausted these products will be gone forever! Never before has any PCjr add-on parts supplier offered so much for so little. The two joysticks alone are worth the price! PCjr Goodie-Box #10096-4 includes the following:



Genuine IBM  
PCjr Carrying Case  
#79004 Reg. Price \$19.95



Keytronic Numeric Keypad  
#71511 Reg. Price \$29.95



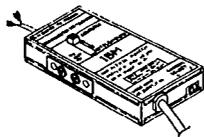
Genuine IBM  
300 Baud Internal Modem  
#79024 Reg. Price \$29.95



Two  
Genuine IBM  
PCjr Joysticks #74506  
Reg. Price \$29.95 each  
\$59.90 value!



PCjr Keyboard Cable  
#22502-1  
Reg. Price \$18.95



Adapter For Television  
#79003 Reg. Price \$29.95



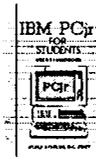
Cassette  
Recorder Adapter  
#79005 Reg. Price \$19.95



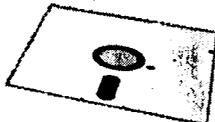
BASIC  
Exercises For The PCjr  
#85014 Reg. Price \$16.95



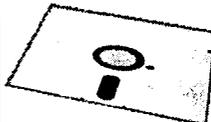
Mapping The IBM PCjr  
#85035 Reg. Price \$18.95



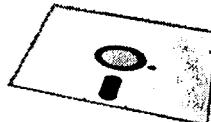
IBM PCjr for Students  
#85004 Reg. Price \$9.95



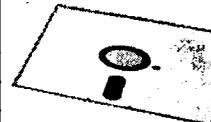
PCE Utility Diskette  
#85505 Reg. Price \$9.95



PC-Write v3.02  
Word Processor  
#87002 Reg. Price \$14.95



PC-Calc+  
Spreadsheet Software  
#87004 Reg. Price \$14.95



Internal Modem Software  
#85503 Reg. Price \$4.95



\$15 CompuServe Usage  
Credit

This is an inventory clearance sale offered only while our supplies last. All items carry a full year warranty. As we run out of an item it will be eliminated from the Goodie-Box. Call our toll free number to determine whether we have sold out of any of the above Goodie-Box items before ordering. Reg. Price is the last regular price published in a PC Enterprises Add-On Products catalog. Sorry, Priority and Top Priority shipping are not offered for this promotion. All sales final.



## External SCSI Hard Drive Systems with 512KB RAM



Purchase a 512KB memory expansion at the same time that you purchase an external SCSI hard drive system and save even more! Receive a 512KB memory expansion #14019 and the PCE SCSI hard drive system of your choice. Sorry, this special package price can be offered only when both items are purchased at the same time (no exceptions)!

42MB Hard Drive w/512KB Memory #10123 Sale \$375  
52MB Hard Drive w/512KB Memory #10124 Sale \$399  
170MB Hard Drive w/512KB Memory #10125 Sale \$529

**\$199**

## PCjr Goodie-Box and 512KB Memory Expansion



Purchase the PCjr Goodie-Box at the same time as an IBM 512KB memory expansion (#14019, \$149), and your 128KB PCjr will be expanded to 640KB. You will have enough conventional memory to run all IBM PC compatible software!

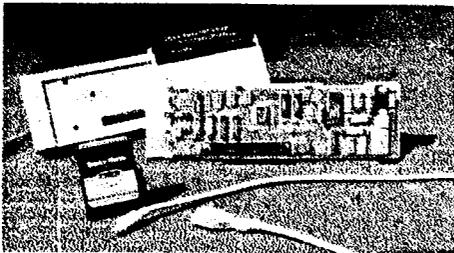
Order #10096-1

# Buy and PCjr Hard Drive System and get a PCjr Goodie-Box for only \$49.95!!!

## EGA, VGA, and Super VGA Graphics with your PCjr

The PCjr came standard with a built-in Color Graphics Adapter and therefore runs software in CGA mode. While most software runs fine in CGA, this mode can never display more than 4-color graphics.

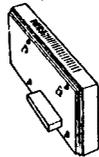
The best way to improve your graphics is to install a Display-Master Sidecar. With a Display-Master installed software runs in EGA modes. Graphics become much more exciting and your screen becomes easier to understand, because EGA modes display up to 16-colors simultaneously.



Display-Master also allows your PCjr to run software in VGA and Super VGA modes which offer even better color and detail, however to use these modes you must also purchase a VGA monitor. To display VGA and Super VGA graphics purchase a Display-Master along with a VGA monitor described on this page.

### Sale \$179

#### DISPLAY-MASTER VGA SIDECAR



#### Run Software in EGA Mode without Buying a New Monitor

Allows the PCjr to run software in CGA, EGA, VGA, and Super VGA modes. An exclusive Display-Master feature allows 200 line EGA modes to be displayed on your existing PCjr monitor! This feature allows Display-Master users to upgrade their graphics to EGA immediately, without buying a new monitor. Then, when budget permits, purchase a VGA or Super VGA monitor and upgrade the computer's graphics once again! System Board Modifications required. Call for details. Full year PCE warranty.

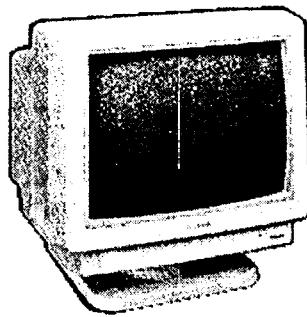
#14048 Reg. Catalog Price \$199

### Sale \$29

#### EXTERNAL AMPLIFIER & SPEAKER

The only sounds you can hear when you use a PCjr that does not have an external amplifier and speaker installed are those produced by the system board beeper. If your PCjr does not use the genuine IBM PCjr Color Display (which has a built-in amplifier and speaker) this product will turn the annoying beeps you now hear into pleasant 3-voice music.

#14804 Reg. Catalog Price \$39.95



### \$389 Save \$159

#### DISPLAY-MASTER and SUPER VGA MONITOR\*

The least expensive package that upgrades the PCjr to Super VGA! Includes our Display-Master VGA Sidecar and a 1024 x 768 VGA monitor. Screen size 14 inches. Dot Pitch .39. System board modifications required.

#10082 Reg. Catalog Price \$548

\*Additional Shipping \$5

### \$29.95

#### ADAPTER for COLOR DISPLAYS

Allows you to connect an industry standard digital monitor to your PCjr.

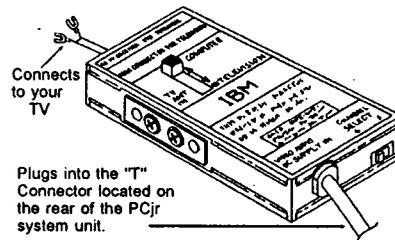


#79019

### \$29.95

#### CONNECTOR FOR TV

Allows you to use your existing television as your PCjr's monitor.



Plugs into the "T" Connector located on the rear of the PCjr system unit.

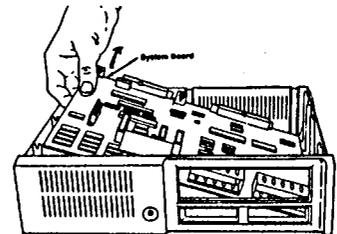
#79003

## PCE Five System Board Modifications for Greater Compatibility

### \$49.95

Looking for an inexpensive way to improve the way your PCjr works? Send us your PCjr system board and ask us to perform the PCE Five System Board Modifications.

These modifications will allow your PCjr to run more software. In addition, they make your PCjr easier and less expensive to expand.



#### FIVE SYSTEM BOARD MODIFICATIONS

The (1) Tandy Modification lets you run 16-color Tandy software without buying anything extra, the (2) Tandy Sound Modification lets the PCjr produce 4-voice Tandy sound when Tandy software is run, the (3) PB2 modification corrects a compatibility problem that prevents certain IBM compatible programs from working on the PCjr, the (4) VGA Modification lets you add our Display-Master VGA sidecar now or at a future date, and (5) the Internal Memory Board modification allows you to add our Internal Memory Card so you can easily and inexpensively expand your memory from 640KB to 736KB!

After the modifications have been performed, you will be able to add our jrExcellerator Speed-up Board, jr-ROM Clock, and Thin-Font Module even if your system board currently has all its chips soldered to the board! Call for details.

### \$157

#### SYSTEM BOARD UPGRADE PACKAGE

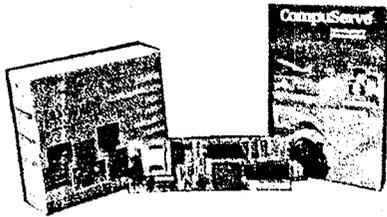
While your system board is here for modification, why not let us professionally install our add-on system board upgrade products that plug into the PCjr system board? When you get your PCjr system board back it will already have all our system board enhancement products installed.

Purchase the System Board Upgrade Package and we'll install a jrExcellerator, Thin-Font Module, and jrROM-Clock without any installation charges. (Be sure to tell us the make of all memory expansions installed on your PCjr, so we can properly set up the jrExcellerator. We must also know if you have a Racore with DMA).

#10043

# Modems

# Power Supplies



**Sale**  
**\$99**

## 2400 Baud Internal Modem

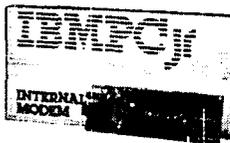
Plugs into the PCjr's internal modem slot. Bell 103/212a, CCITT V.21/V.22/ V.22bis, and Hayes command set compatible. Built in speaker, auto-dial and auto-answer capabilities.

Includes user supported communication software, 30-day Trial Membership with Prodigy, and a \$15 CompuServe starter kit. 100% compatible with modems for other computers. Full year PCE warranty.

#15508 Reg. Catalog Price \$199

**\$9.95**

## IBM 300 Baud Internal Modem

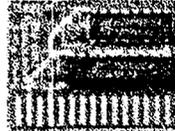


Plugs into the PCjr's internal modem slot. Bell 103 compatible. Includes user supported communication software and a \$15 CompuServe starter kit.

If you have never used a modem but would like to do so, don't let this opportunity pass you by! For less than \$10 you can have everything you need to access CompuServe and thousands of other data bases. Supplies are limited!

#79024 Reg. Catalog Price \$29.95

## Comswap Board



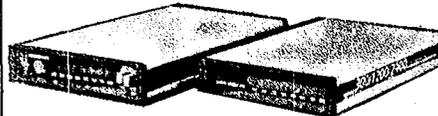
When you use an external modem with the PCjr, your PCjr should have a ComSwap Board installed in its internal modem slot.

This insures the modem can be addressed correctly by all PC compatible communication software.

#15506 \$9.95

**Sale**

## Includes Software, a ComSwap Board, and PCjr Serial Cable

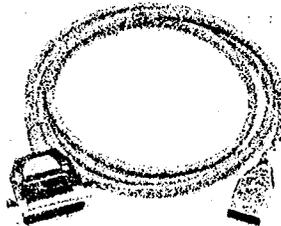


External modems plug into the "S" connector on the rear of the PCjr system unit. Prodigy Starter package, \$15 CompuServe usage credit, and user supported telecommunications software also included.

### External Modems

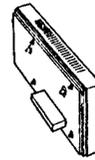
#10120	1200 Baud External Modem	\$79
#10121	2400 Baud External Modem	\$99
#10122	2400 Baud External Modem V.42bis and MNP5 Error Correction	\$129

## PCjr Serial Cable



This cable makes your PCjr serial port "look" just like the 25-position serial port used by other computers. Six foot length.

#22505-5 \$34.95



## IBM Power Expansion Attachment for PCjr Computers

Supplies additional power for PCjr sidecars. Once installed, all sidecars plugged to the right side of the Power Expansion Attachment receive power from the Power Expansion. Products plugged to the left continue to receive power from the PCjr's internal power supply. Allows you to add up to ten sidecars.

#79009 \$49.95

# Upgrade to 640KB for only \$99

## Upgrade Service for PCjr 128KB Sidecars

If you already have a 128KB memory sidecar installed, your PCjr has 256KB of memory. Send us your 128KB sidecar and we will make it a 512KB sidecar! Your PCjr will then have a total of 640KB of memory. This upgrade is offered for the Tecmar jrCaptain, Microsoft jrBooster, QuadMEMjr, AST jrCombo, Impulse, and IBM 128KB memory sidecars. Call our toll-free number for details.

#97501

## PCjr Memory Board Repair *Only \$80!!*

If your PCjr memory sidecar has stopped working reliably programs may crash without warning. Other indications of memory problems include ERROR A and failure of the computer to count all its memory. We repair PCE, IBM, Tecmar, and Microsoft sidecars for a flat rate of \$80 (parts and labor). Include a note explaining the problem, a copy of your boot diskette, and the power transformer (Tecmar jrCaptain only). Call our toll-free number for details.

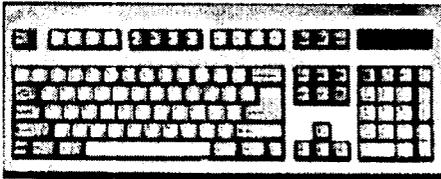
#98507

## What PCjr Users Need to Know About Modems

A modem is an add-on product that allows your computer to exchange information over telephone lines with other computers. PCjr users prefer internal modems because the PCjr only has one serial port. When you install an internal modem you can still connect a mouse to the PCjr's serial port. External modems plug into the PCjr's only "S" connector using a PCjr serial cable (above). When you install an external modem you will also need to install a Comswap Board into the PCjr's internal modem slot to maintain 100% IBM compatibility.

A myth is that external modems do not work reliably on the PCjr. The reason for this myth is that most PCjr power supplies only send -6V to the RS-232 connector. All IBM PC, XT, and 100% compatibles send -12V to this connector. The external modems sold by PCE do not need -12V to operate reliably. That's why you will have no trouble using any of the external modems on this page.

# 101-Key Enhanced Keyboard Sale \$119.95



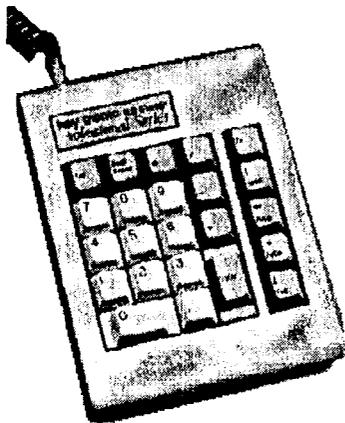
101 keys including 12 function keys across the top, dedicated numeric keypad with large ENTER key, dedicated cursor movement keys, Num Lock, Caps Lock, and Scroll Lock keys with indicator lights. Dedicated keys for Print screen, Pause, Page Up, Page Down, Home, and End. Isolated escape key. 100% scan code compatibility allows you to run more software. Positive tactile feel, extra large shift and return keys. Full year PCE warranty.

#71518 Reg. Catalog Price \$139.95

## PCjr Replacement Keyboards & Accessories

**\$9.95**

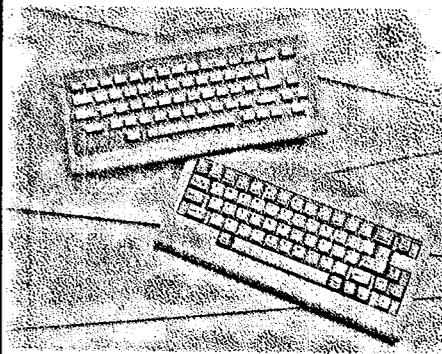
KEYTRONIC NUMERIC KEYPAD



This keypad connects to your existing PCjr 62-key keyboard with a cable provided with the keypad. The keypad then connects to your PCjr using your existing IBM or PCE keyboard cable. Provides twenty-three keys including a calculator style numeric keypad, arithmetic operator keys, arrow keys, backspace, Fn, and an ENTER key.

#71511

PCjr Keyboards & Mice



**\$29.95**

### CHICKLET-STYLE KEYBOARD

The original PCjr 62-key wireless keyboard. Also works with IBM and PCE keyboard cables. Key names appear underneath each key, making this keyboard ideal for use with software that uses keyboard overlays. Reconditioned. Shown above (left).

#71507

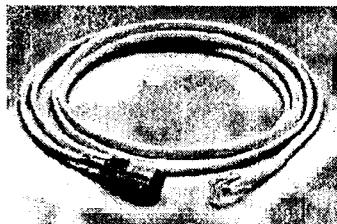
**\$49.95**

### 62-Key SCULPTED KEYBOARD

IBM's "replacement" style 62-key PCjr wireless keyboard. Also works with IBM and PCE keyboard cables. Key names appear on keys. Tactile feel. Ideal for use when cordless operation or space savings are desired. Shown above (right).

#71508

### KEYBOARD CABLES



Permits you to use the PCjr wireless keyboard without batteries and without the keyboard facing the system unit. Six feet long. Full year PCE warranty.

**\$18.95**

### STRAIGHT KEYBOARD CABLE

#22502-1

**\$19.95**

### COILED KEYBOARD CABLE

#22501-1

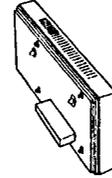
## PCjr Mice

Serial mice plug into the "S" connector located on the rear of all PCjr computers. Bus mice come with a PCjr sidecar that plugs into the PCjr sidecar expansion bus. Bus mice are preferable because they leave the PCjr's only "S" connector available for a modem or other serial device.

**\$89.95**

### PCjr BUS-MOUSE

**FREE  
PCE Mouse  
Pad!**



The lowest cost bus mouse you can buy for the PCjr. Allows you to add a mouse without using the PCjr's "S" connector. Simple PCjr sidecar installation. 360 DPI. Microsoft compatible. Full year PCE warranty.

#14049

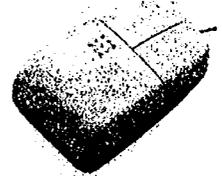
**FREE  
PCE Mouse Pad!**

**\$39.95**

### LOW COST SERIAL MOUSE

The lowest cost Microsoft compatible PCjr mouse you can find. Plugs directly into the PCjr's "S" connector.

#15509



**\$45**

### GAME-MASTER MOUSE

If you already have a PCE Game-Master sidecar, you can add a Microsoft compatible bus mouse quickly, easily, and inexpensively. This kit includes the PCE Bus Mouse, software, and PCE bus mouse controller chip that plugs into a socket on the Game-Master sidecar.

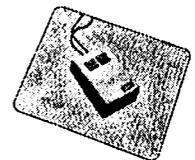


#10071

**\$99**

### MOUSE SYSTEMS OPTICAL MOUSE

Select this mouse if you are not presently using the PCjr's serial port and you want to purchase the Mouse Systems Optical Mouse. Optical mouse pad included.



#75502

**Only \$9.95**



### PCE MOUSE PAD

This full color rendering of the IBM PCjr will become one of your favorite PCjr accessories!

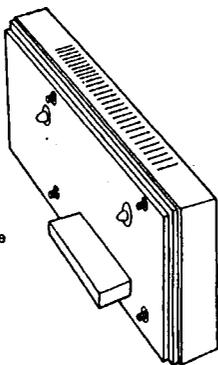
#15511

To Place an Order Call Toll Free 1-800-922-7257

Product Sheet #80377-1

# PCjr Printer Attachments Only \$89.95

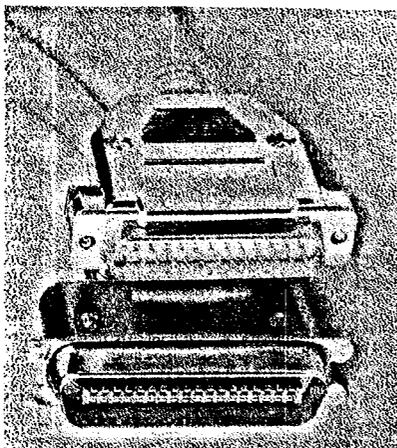
25-position  
D-type  
connector  
(not visible from  
this view)  
connects to the  
PCjr printer cable  
shown below.



Allows you to connect most printers that have an industry standard parallel interface to the PCjr. Installs on the side of the PCjr without special tools or skills.

Note: The PCjr will not work correctly with certain Tandy and other printers that have a non-standard parallel interface.

#79006



As Low As

**\$14.95**

## PCjr PARALLEL PRINTER CABLES

These printer cables include all conductors necessary to connect a parallel printer to a PCjr Parallel Printer Attachment.

#22510-1 6 Foot Parallel Printer Cable \$14.95  
#22510-3 10 Foot Parallel Printer Cable \$19.95

## Serial Dot Matrix Printer\*



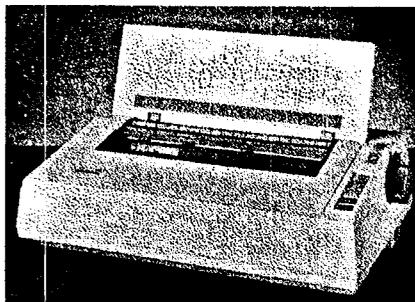
**Sale \$269**

### SEIKOSHA SP-2000S

This 9-pin dot matrix printer prints 192 characters per second (cps) in draft mode, and 48 cps in Near-Letter-Quality mode. Its push button control panel allows you to change font sizes, and the tractor feed allows you to use regular or tractor-feed paper. Epson and IBM compatible. Two year manufacturer's warranty. Serial Interface. 6 foot cable that connects to the PCjr's "S" connector included.

#78615 Reg. Catalog Price \$279  
\*Additional Shipping \$5

## Serial Daisy Wheel Printer\*



**Reduced!  
Only \$245**

### NEC ELF 370 SPINWRITER\*

Daisy wheel printers are used when excellent print quality is desired. These printers strike the paper through a ribbon, similar to the method used by typewriters.

The NEC ELF 370 Spinwriter lets you print letters and other documents that your friends, clients, classmates, and business associates will think were personally typed using a typewriter. If you would like to portray the image that each document you create is given personal attention, this printer will meet your needs. NEC and IBM compatible. Includes cable to plug into the PCjr's "S" connector. Adapter to work with other computers available separately.

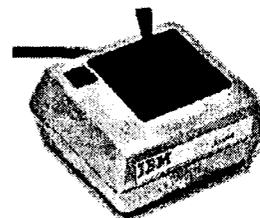
#78601 Original Price \$395  
\*Additional Shipping \$5

## Joysticks and Light Pens

**Sale \$14.95**

### IBM BRAND PCjr JOYSTICK

Our lowest cost PCjr joystick. Conventional style, two buttons, spring centering or free motion. Designed for general purpose applications. Full year PCE warranty.



#74506 Reg. Catalog Price \$29.95

**Sale \$34.95**

### MACH III JOYSTICK

Precision movement, superior quality, conventional style, three fire buttons, spring centering or free motion. Designed for general purpose applications. One year PCE warranty. Shown below on left.

*With  
PCjr  
Connectors!*

#74509 Reg. Catalog Price \$49.95



**Sale \$49.95**

### CH PRODUCTS FLIGHTSTICK

Superior operation with flight simulation software. Contour pistol grip looks and feels like a real flight stick. Audio and tactile feedback fire buttons add to reality of flight simulation. Precision movement and superior quality. Full year PCE warranty. Shown above on right.

*With  
PCjr  
Connectors!*

#74508 Reg. Catalog Price \$79.95

**Clearance Sale \$119**

### PCjr LIGHT PEN

Use your computer without taking your eyes off the screen! Select options from a menu instead of the keyboard. Software is provided that allows you to create graphic presentations, play Solitaire, Reversi, Backgammon, or World and US Geography. Works with programs designed to use a light pen. Plugs into the PCjr's "LP" connector located on the rear of the PCjr system unit.



#75101

## Four Great Cartridges that Upgrade the PCjr's BIOS



**\$39.95**

### COMPATIBILITY CARTRIDGE

If you have ever become frustrated because you couldn't get a PC compatible program to run

on your PCjr this may be the most important PCjr cartridge you can buy. The Compatibility Cartridge corrects every bug that we know of in the PCjr's BIOS. In addition, it corrects bugs in DOS that show up on PCjrs due to hardware differences and even permits many applications that bypass the BIOS and DOS interface to work correctly on the PCjr.

The Compatibility Cartridge works hand in hand with the new JRCONFIG.SYS utility (included) and is simple to install and use. All you need to do is plug the cartridge in and JRCONFIG installs the compatibility routines automatically!

The Compatibility Cartridge is a product of many years of experience debugging programs that did not run on the PCjr. Now the PCjr can be 100% BIOS and DOS compatible with other IBM computers. Run DR DOS 6.0, IBM/MS DOS 5.0 or later, in addition to the unpatched version of every program PCE has ever patched to work correctly on a PCjr. Also corrects problems with hundreds of programs including Windows 3.0, Quicken, WordPerfect, PC Tools, and Prodigy.

#18032

**\$29.95**

### KEYBOARD BUFFER CARTRIDGE

Allows you to use the PCjr keyboard while the diskette drive is operating. Also provides a 47 key press type ahead buffer.

#18001

**\$29.95**

### jrVIDEO CARTRIDGE

Speeds up the PCjr's ability to write information on the screen. The jrVideo Cartridge also lets you run more PC programs because it provides better mode defaults and better register protection.

#18002

**\$29.95**

### QUICKSILVER CARTRIDGE

QuickSilver replaces the PCjr's slow memory test with a test that's so fast you'll hardly notice any delay at all. With QuickSilver installed, your PCjr will power up almost instantly, and the annoying beep that sounds at the conclusion of the usual memory test will be eliminated. Also corrects a bug in the PCjr's INT 9 routine that causes keyboard problems when running certain software.

#18027

PCjr Cartridges



## Four BIOS Upgrade Cartridges All-In-One!

**New! \$89.95**

### COMBO CARTRIDGE v3.0

All four BIOS upgrade cartridges (see left side of page) combined! Combo v3.0 provides Compatibility, Keyboard Buffer, jrVideo, and QuickSilver routines in the most useful PCjr cartridge ever sold!

#18034

**Sale \$39.95**

### COMBO CARTRIDGE v1.0

The Keyboard Buffer and jrVideo Cartridge combined in a single cartridge!

#18012 Reg. Catalog Price \$54.95

**Sale \$49.95**

### COMBO CARTRIDGE v2.0

Combines the three original cartridges: Keyboard Buffer, jrVideo and QuickSilver.

#18028 Reg. Catalog Price \$69.95



Game Cartridges plug into PCjr Cartridge Slots allowing you to run Software without Requiring DOS or Anything Else!

#### EDUCATIONAL GAMES

#18004	Spinnaker Kindercomp	\$9.95
#18005	Spinnaker Fraction Fever	\$9.95
#18003	Spinnaker Facemaker	\$9.95
#10024	All 3 Spinnaker Cartridges	\$19.95

#### OTHER POPULAR GAME CARTRIDGES

#18020	Scuba Venture	\$14.95
#18022	Mine Shaft	\$14.95
#18024	Mouser	\$14.95
#18023	Crossfire by IBM	\$14.95
#18010	Micro Surgeon by IMAGIC	\$14.95
#18011	Demon Attack by IMAGIC	\$14.95
#18029	IBM PCjr Color Paint	\$39.95

**\$29.95**

### CONFIGURATION PLUS CARTRIDGE

Prevents programs that check the computer's identification byte from determining that they are running on a PCjr. This feature allows the PCjr to run BASIC without having Cartridge BASIC!



In addition, allows you to start your PCjr in 40 or 80 column mode, and DOS to recognize all your floppy disk drives without using software. PCjr users with two 360KB floppy drives will even be able to test their drives using the PCjr's built-in diagnostics.

Also includes key-lock indicator lights to indicate the status of your Scroll Lock or Insert, Caps Lock, and Num Lock keys.

#18026

**\$119**

### CARTRIDGE BASIC

Designed specifically for the PCjr.

Purchase if you want to run BASIC programs or write BASIC programs which utilize the PCjr's enhanced graphics or sound capabilities. Reconditioned. Includes manual.

#78722

**\$19.95**

### HANDS ON BASIC MANUAL

A hands on tutorial that teaches you how to use your PCjr to write and run BASIC programs. If you are looking for a way to tap the power of your PCjr, this illustrated and easy to follow book is the place to start! 431 pages. Opened. Requires Cartridge BASIC.

#85031



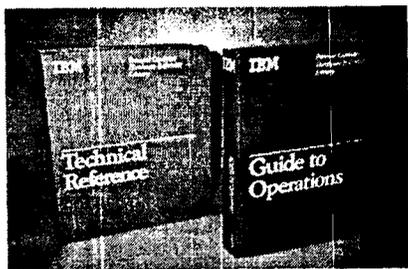
# Books and Manuals

## \$49.95

### PCjr Technical Reference Manual

Includes a complete description of the PCjr and all IBM brand internal. Also includes wiring diagrams, connector pin-outs, specifications, schematics, and BIOS listings. Without a doubt the most important book you can add to your PCjr library! Limited quantities.

#79015



## \$39.95

### Guide to Operations Manual

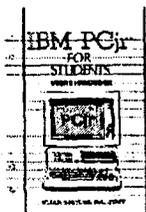
This manual provides step-by-step instructions on how to setup and use the PCjr. Includes an on disk tutorial that provides hands on training. A must for first time PCjr users!

#79003

### IBM PCjr for Students

Designed to help students grades 7 through adult learn to use and program the PCjr. Divided into 26 individual lessons. Examples included.

#85004 \$9.95



### Compute! IBM PC and PCjr Games for Kids

Your PCjr can educate and entertain children of all ages, from preschool to high school. Includes 29 games and two utility programs which are ready to be typed in and run.

#85033 \$9.95



### Compute! Mapping the IBM PC and PCjr

This book clearly shows how a PCjr is the same, and how it is different from the IBM PC. Provides in depth discussions of the keyboard, video, and sound capabilities.

#85035 \$9.95



### BASIC Exercises for the IBM PCjr

This book uses the learn by doing approach, a truly effective teaching method. It offers a practical and entertaining way to learn BASIC. Includes numerous short type-in programs and subroutines.

#85014 \$9.95

### Super Saver Package #3

Our two best PCjr books! Includes Mapping the IBM PC and PCjr and our most popular BASIC programming book that we have ever sold, BASIC Exercises for the IBM PCjr.

#10044 \$14.95

### Compute! IBM PC & Compatibles BASIC Program Collection

A collection of 25 favorite games, useful applications, educational programs and helpful utilities of PCjr users which have appeared in various issues of Compute! magazine. All programs have been fully tested on a PCjr.

#85034 \$9.95



### IBM PC and PCjr Computer Workout

You'll have quite a workout solving over 40 crossword puzzles, word searches, mix and match games, and other fun games. Included are programming tips that will help you put your programs into great shape. Have fun while you test your computer's problem solving skills and develop your programming muscles! For ages 7 and up.

#85008 \$2.95

# User Supported Software

### PCjr Utility Disk #1

Includes the latest release of JRCONFIG, the configuration utility every PCjr owner should use. In addition, numerous PCjr application notes, and patches for DOS are included. TSOUND, FIXBEEP, RUNCART, INT0FIX, INT9FIX, INT10FIX, plus more.

#85505 \$9.95

### Anti-Virus Software

McAfee's famous virus scan software. Detects and removes hundreds of viruses including the "Your PC is Stoned" virus and the "Michelangelo" virus that formats your hard drive on March 23rd.

#85513 \$4.95

### PC-Write v2.71

PC-Write is a full featured word processing program that includes a spelling checker. Widely considered a competitor to such expensive programs as WordPerfect, Microsoft Word, and Xywrite III. Two disk set. 256KB required.

#87001 \$9.95

### PC-Write v3.02

Numerous enhancements to earlier versions. Three disk set.

#87002 \$14.95

### PC-Talk

If you use a modem, PC-Talk is worth purchasing because it works exceptionally well on the PCjr and is very easy to use. Only requires 128KB and a Hayes compatible modem.

#87003 \$4.95

### PC-Calc

This is a spreadsheet program that we suggest you try. Spreadsheets allow you to organize information in rows and columns, then manipulate the data as you like. Three disk set.

#87004 \$14.95

### PCjr Internal Modem Software

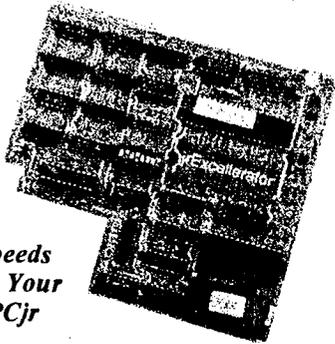
A collection of programs that work with IBM's 300 baud internal modem.

#85503 \$4.95

### File Compression Software

PKZIP, PKUNZIP and more!

#85514 \$4.95



Speeds  
Up Your  
PCjr

**Sale \$99**

**jrExcellerator  
Speedup Board**

*"We think the jrExcellerator is a "must have" for PCjr owners that are looking to keep pace with today's more powerful machines" ...Sierra On-Line*

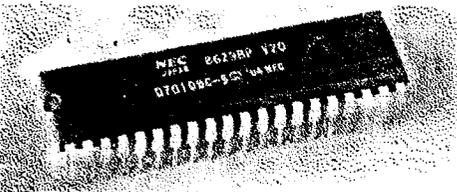
The jrExcellerator increases the PCjr's processing speed from 4.77MHz to 9.54MHz. It can be easily installed on any PCjr that has its microprocessor plugged into a socket. In most cases your software will run twice as fast. V20 microprocessor included. Requires that your existing PCjr microprocessor be installed in a socket. Full year PCE warranty.

#14802 Reg. Catalog Price \$129

**Sale \$14.95**

**V20 Microprocessor**

*Low Cost  
Speed Improvement*



If you want to speed up your PCjr but your budget doesn't allow you to purchase a jrExcellerator at this time, replace your PCjr's 8088 microprocessor with a V20 microprocessor! The V20 primarily speeds up number crunching and provides improvements in execution speed up to 40%. Requires that your existing microprocessor be installed in a socket.

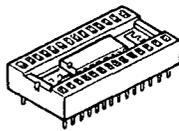
#19001-2 Reg. Catalog Price \$16.95

**Installation Note:**  
Products on this side of the page require one or more of the chips on your PCjr's system board to be installed in a socket. While virtually all PCjrs have the required chips already in a socket, a few do not. Contact our helpful staff for assistance.

**\$39**

*Automatically  
Enters the  
Date and Time*

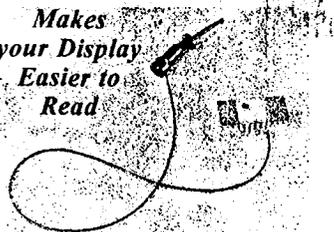
**ROM-Clock**



An easy-to-install module that enters the correct date and time automatically each time your computer is started. Simply unplug any 28-pin ROM device from your computer, and install the ROM-Clock in

its place. The existing ROM device then plugs into the top of the ROM-Clock. Also works in the socket provided on PCE Game-Master sidecars. Ten year manufacturer guarantee. #14801

*Makes  
your Display  
Easier to  
Read*



**\$19.95**

**Thin-Font Module**

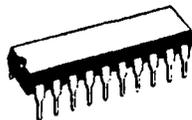
PCjr users often complain that the display is difficult to read. Normal characters displayed by the PCjr often "fill-in" or "close-up", making them difficult to read.

The Thin-Font Module is a low-cost easy-to-install product that helps eliminate this problem. It replaces the PCjr's character generator IC with a new module that lets you choose between two different character sets.

Installation can be accomplished in just a few minutes. Simply unplug the existing character generator IC and replace it with the Thin-Font Module. Next, attach an E-Z clop to an easy to reach location.

#18009

**\$7.95**



**Disk Drive  
Address  
Prom**

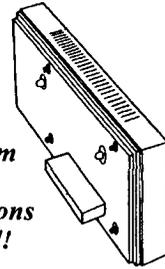
Solves a problem that prevents certain programs from using the PCjr's disk drive correctly. Often effects software with on-disk copy protection. Not compatible with Racore second drive systems that have the DMA option. PCE Five System Board Modifications required.

*Solves  
Disk Drive  
Compatibility  
Problems*

#59331-1

**Only \$139**

**Game-Master Lite**



*No System  
Board  
Modifications  
Required!*

**SoundBlaster  
Compatible FM Sound  
and 16-color Tandy  
Graphics!!!**

Game-Master Lite is a single PCjr sidecar that allows your PCjr to produce better sound and graphics. Better sound because you'll here Adlib and SoundBlaster compatible FM sound, and better graphics because 4-color CGA software will now run in 16-color Tandy Modes!

Whether you use Game-Master Lite with the speaker inside your PCjr's monitor, or with optional external speakers, your PCjr will rival arcade games for superior sound quality.

Game-Master Lite lets your PCjr display better graphics because it allows you to run Tandy software without making modifications to your PCjr system board. You'll prefer running Tandy software because Tandy modes display EGA-like 16-colors. You'll be amazed at the superior quality of your PCjr's graphics.

Game-Master also allows you to add three optional features that include a battery backed up clock calendar, a bus mouse, and the ability to upgrade your PCjr's memory from 512KB or 640KB to 736KB - with fast sidecar memory.

Installs in minutes without special skills or tools. Full year PCE warranty. Purchase by itself or with any of the optional features listed below.

#14050-1

**Memory Upgrade Kits**

These kits require that you already have a Game-Master Sidecar.

128KB Kit \$49.95 #11205  
Expand your 640KB PCjr to 736KB  
256KB Kit \$69.95 #11206  
Expand from 512KB to 736KB

**Game-Master  
Mouse Kit  
\$45**

Plugs into a Game-Master connector.

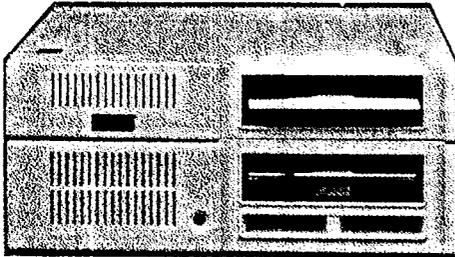
#10071



**Note:** For greatest compatibility with Tandy software also purchase the PCE Compatibility Cartridge. A special Compatibility Cartridge feature allows you to manually select Tandy video modes providing greater Tandy compatibility than ever before possible!

# Floppy Disk Drives and Systems

## 5.25 Inch Floppy Drive Systems



Junior Drive II Systems add a second disk drive that snaps on top of your PCjr system unit or other snap-on-top expansion system.

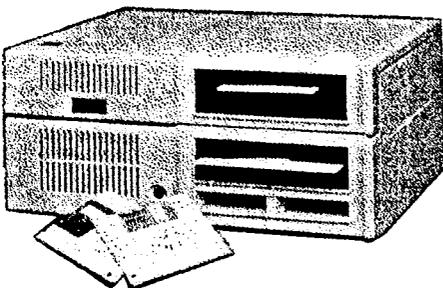
### 360K Junior Drive II System

#12509 \$195

### 1.2MB Junior Drive System

#12544 \$275

## 3.5 Inch Systems



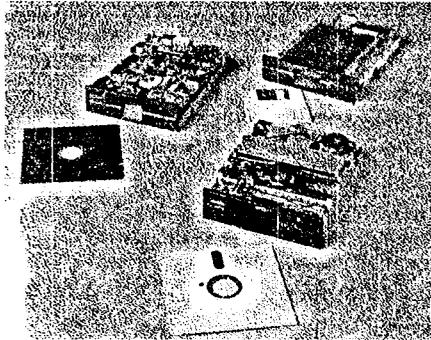
### 720K Junior Drive II System

#12521 \$195

### 1.44MB Junior Drive System

#12542 \$275

## Error Reading Drive A: Abort, Retry, Ignore...



**Stop!  
Don't Ignore!!!  
Replace your  
PCjr's  
Worn-out Disk  
Drive Instead.**

### Floppy Disks

#### 5.25 inch Diskettes DSDD

Ten diskettes per pack.

For all PCjr 5.25 inch 360K drives. Black.

#55004 \$4.95



#### 5.25 inch High Density Diskettes

Ten diskettes per pack. For all 5.25 inch

1.2MB drives. White.

#55008 \$9.95

#### 3.5 inch Diskettes DSDD

Ten diskettes per pack. For all 3.5 inch 720K drives.

#55009 \$6.95

#### 3.5 inch High Density Diskettes

Ten diskettes per pack. For all 3.5 inch

1.44MB drives.

#55025 \$9.95

#### 3.5 inch Floppy Diskettes

Perpendicular Recording Media. Double sided/135TPI. For all 3.5 inch 2.88MB drives.

#55020 \$7.50 ea.

## A 3.5 inch 720KB floppy disk drive is one of the most useful replacement products you can buy for your PCjr Computer!!!

If your PCjr has two floppy drives an excellent upgrade would be to replace one of your 5 1/4 inch drives with a 3.5 inch drive.

This upgrade will allow your PCjr to run software that comes on shirt pocket sized 3.5 inch diskettes.

These drives are specifically selected to work in PCjr's that use the PCjr's original disk drive controller card. In addition, the drive will work with all other known PCjr controller cards except Racore's DMA controller (Those that use a Racore with DMA require a \$25 modification #97513 to use this drive with their computer).

New #44003 \$98

### 360KB Disk Drive

Have you been getting disk drive error messages? Disk drives have moving parts and therefore tend to wear out much faster than other parts of the PCjr. If you have experienced problems reading, writing, or formatting diskettes, your disk drive probably should be replaced.

These replacement drives are selected to meet the PCjr's 6ms seek time specification, and come already set up for operation in the PCjr. Includes a PCjr mounting frame and all other hardware needed. Installs in minutes without special tools or skills. Also works in most PCjr add on drive expansion systems.

New

#44002 \$129

Reconditioned

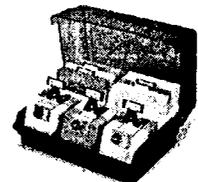
#78719 \$98

### All-Media Diskette Case

This case is perfect whether you only use one type of media or a mixture. By simply inserting dividers and partitions, you create a personalized media storage center.

Reconfigure the case as your needs change. Ideal for 3.5", 5.25" and CD-ROMs.

#55028 \$9.95



# Spring-into-Summer Specials

## LetterPerfect

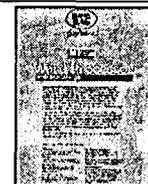
*WordPerfect 5.1 Compatibility allows you to transfer documents between LetterPerfect and WordPerfect.*

LetterPerfect is the version of WordPerfect designed to run on computers that do not have a hard drive. It looks and feels just like WordPerfect v5.1. It even saves files in the identical format. Whether you type with two fingers or ten, LetterPerfect gives you all the basic word processing features you will need for your memos, letters, and reports. LetterPerfect is ideal for PCjr users because it is easy to use and does not require a hard drive.



Easy to learn, LetterPerfect has complete toll-free customer support. There is also an online help feature that is simple to use. Works with DOS 2.1 or higher and 384KB of memory. Requires either one 720KB, two 360KB floppy drives, or one 360KB floppy drive and a hard drive. Published by WordPerfect Corporation.

#86323 \$139



## Low Cost Word Processing!

These packages include everything that you will need to use your PCjr for word processing. You'll receive either a 512KB or 128KB memory expansion sidecar, Brown Bag word processing software #86322, and ten pre-formatted diskettes.

**\$175**



Includes word processing software and a 512KB Memory Expansion sidecar (#14019). Expands your 128KB PCjr to 640KB. #10097

**\$125**



Includes word processing software and a 128KB Memory Expansion sidecar (#78715). Expands your 128KB PCjr to 256KB. #10098

**\$295**

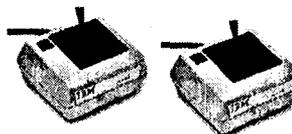


- Second Disk Drive System
- LetterPerfect
- Combo v3.0 Cartridge

To use LetterPerfect with your PCjr you also need a second floppy disk drive. These packages allow you to purchase a second floppy drive system, LetterPerfect, and Combo 3.0 cartridge for much less than the cost of all three products purchased separately. Package includes a 5.25" 360KB or 3.5" 720KB disk drive system.

360K Junior Drive II Package #10103  
720K Junior Drive II Package #10104

## After School Special \$39.95



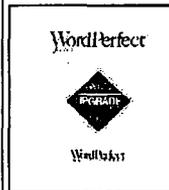
Includes our five most popular PCjr game cartridges and two genuine IBM PCjr joysticks. All cartridges not shown in photo.

- IBM Crossfire
- Demon Attack
- Fraction Fever
- Kindercomp
- Facemaker
- Two genuine IBM PCjr joysticks.



#10102

## WordPerfect 5.1



WordPerfect 5.1 runs very well on the PCjr as long as the PCjr has at least 512KB of memory and a hard disk drive. The only other thing we recommend PCjr users purchase is a Compatibility or Combo v3.0 cartridge (PCjr 62-key keyboard users).

WordPerfect 5.1 packages include WordPerfect and a Combo v3.0 cartridge. Purchase the version upgrade if you already have an earlier version of WordPerfect, or purchase the competitive upgrade if you have a qualified word processing package that competes with WordPerfect. Both packages come complete with everything needed to install WordPerfect on your PCjr, however, you will not be able to obtain telephone support from the WordPerfect Corporation until you provide them with proof that you already own a previous version of WordPerfect or a competitive product.

Version Upgrade  
#86324-1 Price: \$129  
Competitive Upgrade  
#86325 Price: \$149  
Full Package  
#86332 Price: \$299



## IBM PC-DOS 2.10

5.25" 360KB diskettes. Includes manual, DOS diskette, Supplemental Programs Diskette, and special PCjr Boot Diskette. Opened. Limited quantities.

#78743 \$29.95

# Upgrade to a 33MHz 486 System for Only \$599!\*

If you thought you *had* to buy another monitor when you purchased a new computer, think again! PC Enterprises' line of Computers allow you to run today's software using the monitor you already own!

Computers manufactured by PC Enterprises are unique because they come with *two* types of monitor connectors. A 9-pin connector for those who already own a CGA, EGA, or monochrome monitor, and a 15-pin connector that lets you attach an SVGA monitor any time in the future.

You'll be able to run your favorite software in 16-color EGA modes, using your existing CGA, EGA, or monochrome monitor. And you will be delighted to know that if you ever decide you need SVGA graphics all you'll need to do is plug in an SVGA monitor and your system will reconfigure itself automatically!

*These systems are not available in your local store. They are manufactured by PCE and can only be purchased directly from PC Enterprises.*

*Who else would build a system that allows you to save so much? Only the Computer Upgrade Specialists, PC Enterprises!*

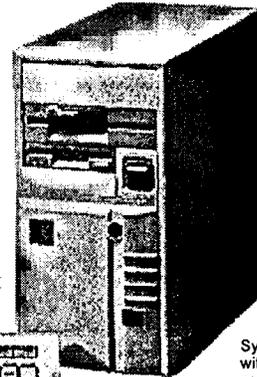
**The following monitors will display 16-color 640x350 and 640x200 EGA graphics! when used with this system\***

IBM 5153 Color Display (CGA)  
IBM 4863 PCjr Color Display (see note below)  
IBM 5154 Enhanced Color Display (EGA)  
Tandy CM-5  
Tandy CM-11

Or any other Industry standard TTL monochrome or RGB monitor that has a 9-pin D-type connectors.

\* Virtually all programs that run in EGA use 320x200 or 640x200 modes. You will be very pleased with the way these programs look on your monitor. An interlaced technique is used to display 350 line modes. This technique causes flickering with certain monitors (Windows v3.1 is the only widely used program we know of that uses this mode). Monochrome monitors display shades instead of colors.

Note: PCjr Monitor Adapter included upon request.



System shown with optional second floppy disk drive installed.

PC Enterprises' Computer Systems save you money because they allow you to upgrade to a 486 computer without purchasing a new monitor!

## Use with your existing CGA, EGA, VGA, SVGA, or Monochrome Monitor

### Standard Features

- 486SLC Microprocessor running at 33MHz with 2MB RAM (expandable to 16MB)
- Two types of monitor connectors. A 9-pin connector for CGA, EGA, and monochrome monitors, and a 15-pin 512KB SVGA connector for VGA and SVGA monitors
- 16-color 640x350 EGA resolution when used with CGA, EGA, or monochrome monitors
- 256-color 800x600 and 640x480 SVGA (SVGA monitor required)
- 16-color 1024x768 SVGA (SVGA monitor required)
- 1.2MB 5.25" floppy drive
- 120, 170, 240, 340 or 452MB hard drive
- One parallel, two serial, and one game port
- Mouse with dedicated mouse port (doesn't use a serial port)
- 101-key enhanced keyboard
- Mini-tower case with two available 5.25 inch and two 3.5 inch drive bays
- 200 Watt power supply
- IBM PC-DOS 6.1
- One year PCE warranty
- PCjr Monitor Adapter (upon request)

### Options

#### Memory Expansion Options

2MB Memory Expansion Kit	#10108	\$112
8MB Memory Expansion Kit	#10109	\$368
16MB Memory Expansion Kit	#10112	\$639

#### Additional Drives

3.5" 1.44MB Drive	#44018	\$69.95
5.25" 1.2MB Drive	#44017	\$69.95
Tape Backup Drive	#12593	\$199.00
Tape Cartridge	#55018	\$ 24.95

#### Modems and Fax Modems

2400 Baud	#75523	\$ 35
9600/4800/2400 FAX-Modem	#75524	\$ 45
14.4K Baud FAX-Modem	#75529	\$129

#### Microsoft Windows v3.1 Software

Microsoft Windows v3.1 requires 1MB of RAM, although at least 4MB is recommended to make your system run faster. The memory expansion kits (above) allow you to increase memory now or later. Only sold with systems.  
#86039 \$59

#### Math CoProcessor

#59143-2 \$89

#### Multimedia Kit

CD-ROM drive, sound card, external speakers, and six CD-ROM titles. Multimedia Encyclopedia, US & World Atlas, Mavis Beacon Teaches Typing, Chessmaster 3000, San Diego Zoo Animals and Access PhotoCD software. Requires Windows and VGA or SVGA monitor.  
#10119 \$373

#### Monitors

14" VGA Monochrome	#78816	\$139
14" SVGA Color 1024x768 .39	#78814	\$239
14" SVGA Color 1024x768 .28 NI	#78813	\$279
15" SVGA Color 1280x1024 .28 NI	#78815	\$429

### Ordering Information

Price includes \$130 trade-in credit for your existing computer system. Qualified systems only. Call for details.

System with 120MB Hard Drive	#12619-1	\$599
System with 170MB Hard Drive	#12619-2	\$639
System with 240MB Hard Drive	#12619-3	\$654
System with 340MB Hard Drive	#12619-4	\$739
System with 452MB Hard Drive	#12619-5	\$849

Hard drives subject to availability. Call before ordering. Shipping only \$35 per system to anywhere in the US (except AK & HI) regardless of options installed.

# 33MHz 486 Systems for only \$1129

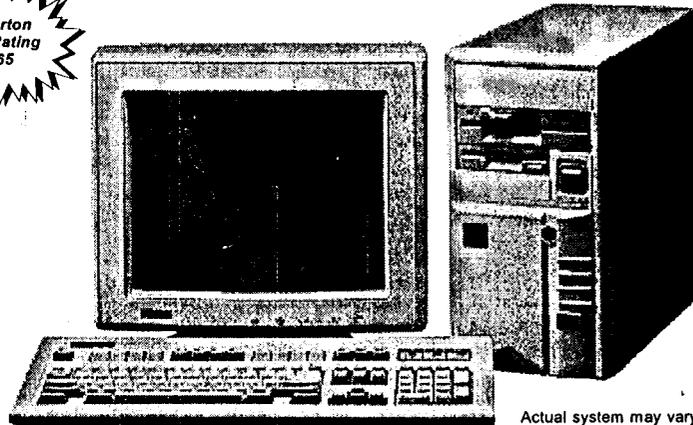
Searching for a computer that doesn't cost a lot of money? This system is ideal because it runs virtually all of today's software, while saving you money because it only comes with features you really need. Best of all, the system can be easily expanded to meet the needs of tomorrow!

When price is more important than speed the PCE 486SLC-33MHz computer system is the only system to consider. The system has a 16-bit ISA expansion slot with four slots free for future expansion.

You'll have no trouble running today's software because everything normally needed is included. Its many features include a 1024x768 super VGA monitor, both types of floppy disk drives, and your choice of hard drives up to 452MB!

The 486SLC microprocessor also offers future expansion options not possible on many other systems. Like the ability to add a math coprocessor simply by plugging a chip into a socket and the ability to add more memory by installing only two SIMM modules at a time!

When expandability and price are both important, no other system can compare!



Actual system may vary slightly from photo.

PC Enterprises Computer Systems are designed for those who want to run today's software. These systems come preloaded with DOS 6 and are ideal for running both Windows and DOS-based software.

## Memory Expansion Options

This system comes with 2MB of RAM and can easily be expanded to include up to 16MB. Purchase the 2MB kit below to obtain 4MB of RAM or the 8MB kit to expand to 10MB. To expand to 16MB purchase two 8MB kits.

2MB Expansion Kit #10108 \$112  
8MB Expansion Kit #10109 \$368

## Math Coprocessor

#59143-2 \$89

## Modems and Fax Cards

2400 Baud #75523 \$35  
9600/4800/2400 Baud Fax-Modem #75524 \$45  
14.4K Baud Fax-Modem #75529 \$129

## Multimedia Kit \$373

CD-ROM drive, sound card, external speakers, and six CD-ROM titles. Multimedia Encyclopedia, US & World Atlas, Mavis Beacon Teaches Typing, Chessmaster 3000, San Diego Zoo Animals and Access PhotoCD software. #10119

## Features:

- 14" SVGA .39 monitor (1024 x 768)
- 33MHz 486 SLC microprocessor
- 1KB internal cache
- 2MB RAM (expandable to 16MB)
- 1.44MB 3.5" floppy drive
- 1.2MB 5.25" floppy drive
- 120MB hard drive
- 512KB SVGA
- One parallel, two serial, and one game port
- Microsoft compatible mouse
- 101-key enhanced keyboard
- Six expansion slots (four 16-bit ISA available for future expansion)
- Mini-tower case with one available 5.25" and one 3.5" drive bay
- 200 Watt power supply
- Pentium upgradable
- Windows v3.1
- IBM PC-DOS v6.1
- One year warranty

\*Qualified systems only. Call for details.

## Trade-in Credit\*

Trade-in your existing IBM or compatible computer and purchase this system for only \$999!

## Ordering Information

System with 120MB Hard Drive #12610-1 \$1129  
System with 170MB Hard Drive #12610-2 \$1169  
System with 240MB Hard Drive #12610-3 \$1194  
System with 340MB Hard Drive #12610-4 \$1269  
System with 452MB Hard Drive #12610-5 \$1379

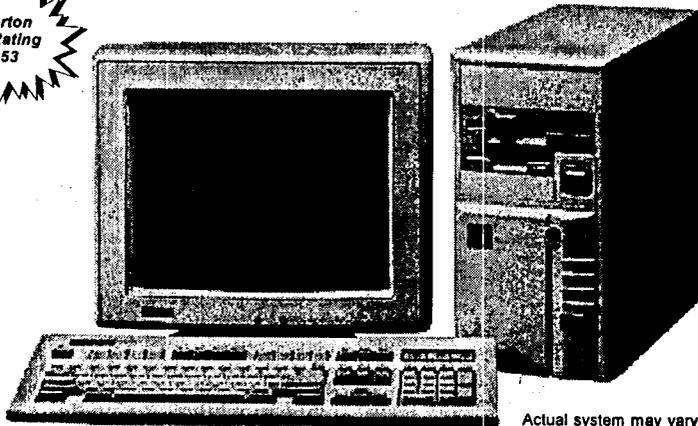
To order this system with a 28NI monitor, substitute 12616 as the base part number and add \$40 to the price. Larger capacity hard drives also available. Shipping only \$35 per system to anywhere in the US (except AK & HI) regardless of options installed.

## Never Buy a Computer for Price Alone!!!

Computers sold by PCE are always priced competitively because we know price is important. But we also know that expandability and service are even more important than price.

At PC Enterprises we speak to hundreds of people every week who are disappointed to learn that their computer is extremely expensive to repair or upgrade. These problems exist because competitors (including IBM, BSR, Compac, Packard Bell, Magnavox, Leading Edge, Emerson and others) often use proprietary (non-standard) parts to reduce the cost to make the computer and therefore offer the lowest possible price. As a result, the consumer ends up with a computer that is very expensive or even impossible to expand or repair. All PCE brand 486 computers use industry standard parts and are therefore very easy to repair and inexpensive to upgrade.

# 66MHz 486 Local Bus Systems for only \$1389



Actual system may vary slightly from photo.

PC Enterprises Computer Systems are designed for those who want to run today's software. These systems come preloaded with DOS 6 and are ideal for running both Windows and DOS-based software.

*When speed is more important than price the PCE Local Bus computer system is the best value for your money. The system has a 32-bit VESA local bus and uses extremely fast local bus video and hard drive controllers.*

*Local bus controllers are eight times faster than ISA controllers. The reason is that local bus controllers process 32-bits of information each clock cycle. ISA controllers are slower for two reasons. First, they only process 16-bits of information at one time, and second they always operate at 8MHz regardless of the clock speed of your computer.*

*Don't be fooled by inferior systems that do not use VESA local bus video AND hard drive controllers. You'll never see the local bus advantage unless local bus controllers are used!*

Want to buy a 66MHz computer for a competitive price *without* sacrificing performance, quality and expandability? This system uses a genuine IBM microprocessor and a system board manufactured and tested by IBM. Who else would you trust not to cut corners?

### Features:

- 14" SVGA .39 monitor (1024 x 768)
- System board manufactured by IBM
- 66MHz 486 SLC2 microprocessor
- 16KB internal cache
- 128KB external cache (expandable to 128KB)
- 2MB RAM (expandable to 16MB)
- 1.44MB 3.5" floppy drive
- 1.2MB 5.25" floppy drive
- 120MB hard drive (32-bit VESA local bus hard drive controller)
- 1MB SVGA (32-bit VESA local bus video controller)
- One parallel, two serial, and one game port
- Microsoft Compatible Mouse
- 101-key enhanced keyboard
- Eight expansion slots (five 16-bit ISA, one 8-bit available for future expansion)
- Mini-tower case with one available 5.25" and one 3.5" drive bay
- 200 Watt power supply
- Pentium upgradable
- Windows v3.1
- IBM PC-DOS v6.1
- One year warranty

### Trade-in Credit\*

Trade-in your existing IBM or compatible computer and purchase this system for only \$1259!

### Memory Expansion Options

This system comes with 2MB of RAM and can easily be expanded to include up to 16MB. Purchase the 2MB kit below to obtain 4MB of RAM or the 8MB kit to expand to 10MB. To expand to 16MB purchase two 8MB kits.

- 2MB Expansion Kit #10108 \$112
- 8MB Expansion Kit #10109 \$368

### 128KB Cache Expansion Kit

#11214 \$39

### Math Coprocessor

#59143-2 \$89

### Modems and Fax Cards

- 2400 Baud #75523 \$35
- 9600/4800/2400 Baud Fax-Modem #75524 \$45
- 14.4K Baud Fax-Modem #75529 \$129

### Multimedia Kit \$373

CD-ROM drive, sound card, external speakers, and six CD-ROM titles. Multimedia Encyclopedia, US & World Atlas, Mavis Beacon Teaches Typing, Chessmaster 3000, San Diego Zoo Animals and Access PhotoCD software. #10119

### Ordering Information

- System with 120MB Hard Drive #12614-1 \$1389
- System with 170MB Hard Drive #12614-2 \$1429
- System with 240MB Hard Drive #12614-3 \$1454
- System with 340MB Hard Drive #12614-4 \$1529
- System with 452MB Hard Drive #12614-5 \$1639

*To order this system with a 28" monitor, substitute 12615 as the base part number and add \$40 to the price. Larger capacity hard drives also available. Shipping only \$35 per system to anywhere in the US (except AK & HI) regardless of options installed.*

\*Price includes \$130 trade-in credit for your existing computer system. Qualified systems only. Call for details.

# IBM PC DOS 6.1

Works on IBM PC, XT, PCjr, 286, 386, 486 and Tandy!

**Full Package with Written Manuals**

**Special Sale Price**

**\$39**

How would you improve one of the most popular operating systems ever? Simple — just give it more of the features that made it great to begin with. That's exactly what IBM's done with PC DOS v6.1.

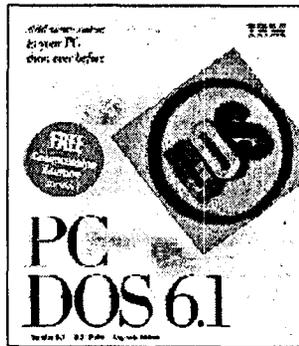
PC DOS 6.1 is the newest and most current version of IBM DOS ever released. Whether you use an IBM PC, PCjr, XT, AT, 286, 386, 486 or Pentium based computer, IBM PC DOS v6.1 provides the best features and functions on the market today. It all adds up to an abundance of award-winning PC enhancements that cost you hundreds of dollars more if purchased separately.

This version starts with all the functions of DOS v5.0 plus more! More memory improvements, more built-in utilities, more hardware support, more support for 8088 computers and more potential to do more with your personal computer than ever before!

PC DOS 6.1 offers an entire portfolio of powerful new utilities. These new utilities include high performance features such as disk compression, anti-virus protection, full-screen backup, full-featured editor and a program scheduler.

Available on all four industry standard diskette types. Please specify when ordering.

Catalog #	Diskette Type
#86036-1	5.25 inch 360KB
#86036-2	3.5 inch 1.44MB
#86036-3	3.5 inch 720KB
#86036-4	5.25 inch 1.2MB



Regular Price: \$64.95

- Easy installation allows you to install PC DOS 6.1 over previous IBM and non-IBM versions of DOS 2.1 or higher
- Disk compression allows your hard drive to hold significantly more data\*
- Backup support allows you to schedule unattended backups to diskettes, tape or network drives
- Anti-virus finds over 1400 viruses, including generic lab, polymorphic, and stealth
- New editor program E provides ability to edit multiple files; more power and flexibility than DOS 5.0 Editor
- Defragger minimizes seek time with contiguous rewrite of fragmented files on non-compressed disks
- Improved commands with built-in help for each command using /?
- EMM386 memory manager dramatically increases performance over DOS 5.0 with 80386 and later microprocessors
- Memory optimizer makes more Upper Memory Blocks (UMB) available, freeing more conventional memory for use by your programs
- Low-end UMB support gives specific 8088/286 configurations up to an additional 60KB of memory
- Supports PCMCIA PC cards
- Allows you to run more software than earlier versions of IBM DOS
- FREE Installation when purchased with any complete PCE Hard Drive System!

\*Disk compression may not work properly on PCjr's that do not have a PC Enterprises jrExcellerator installed.

PC-DOS 6.1 detects nearly twice as many viruses as MS-DOS 6 while taking up a fraction of the space. What's more, it's got utilities you don't get with MS or Tandy DOS. Such as full screen program scheduler, the integrated E Editor, an automated configuration optimizer, and tape drive support.

## DOS Upgrade Packages also available for PCjr Users

PC Enterprises strongly recommends that all PCjr users who use a hard disk drive upgrade to PC-DOS 6.1. DOS 6.1 provides superior software compatibility and is very easy to use. If your PCjr does not have a hard drive, you will not be able to install DOS 6.1. In this case, we recommend using DOS 3.20 or later for maximum software compatibility.

### Special Offer!

Purchase a Compatibility or Combo v3.0 Cartridge at the same time that you purchase a PC-DOS 6.1 package and get the PCE Utility Disk #1 FREE! Hard drive and any previous version of DOS required.

PC-DOS 6.1	
#86036-1	\$39
PC-DOS 6.1 & Compatibility Cartridge	
#10116	\$78.95
PC-DOS 6.1 & Combo v3.0 Cartridge	
#10115	\$128.95

### What PCjr Owners Should Know About DOS 6.1

PC-DOS 6.1 sold in stores does not run on PCjr computers unless the PCjr has a Compatibility Cartridge installed. When PCjr owners purchase a hard drive system from PC Enterprises, and also purchase DOS 6.1 we install a special PCjr version of DOS 6.1 that does not require the Compatibility Cartridge. In addition, you also get the original unmodified DOS diskettes and everything you need to reinstall the special PCjr DOS at any time in the future.



# Terms and Conditions of Sale

## ORDERING INFORMATION

### How to Place an Order

If you have a Visa or MasterCard call either out toll free order line (800) 922-7257 or our main number (908) 280-0025 and place your order by phone. You can also mail or fax us an order if you include a credit card number, check or money order. There is a \$25 charge for any check returned by the bank. Purchase Orders to qualified institutions are accepted. Sorry, no COD's.

### How Long Should it Take?

Orders paid for with Visa, MasterCard, certified check or a money order drawn on a US bank are normally processed immediately. Personal and business checks are held for 14 days. When your order is processed it is sent to our shipping department. Everything ordered that is in stock is normally shipped within 48 hours. If one or more items ordered are temporarily out of stock, the back ordered items ship separately without additional shipping charges.

### Checking on an Order

If an order you place is overdue and you would like to check the status of the order, feel free to call our toll free order line to ask whether the item you're waiting for is on back order. While the Order Entry Department can never look-up your specific order, they can tell you whether an item you're waiting for is on back order. If you prefer to talk to someone who can check on your specific order, to change an order, or to cancel an order, you'll need to call our Customer Service Department (908) 280-0025. Customer Service is absolutely the only department that has access to this information.

### Having a Problem?

If you need help installing or using one of our products, or you have any other problem and need to speak to anyone other than an Order Entry person, you will need to call our Customer Service Department (908) 280-0025. Our Customer Service representatives can get you an answer to your question or arrange for the return of an item. Please do not call on our order line if you have a problem. The people who answer these lines are order takers only, and therefore are not trained in the use of our products, and do not know how to check up on orders.

## SHIPPING and HANDLING

### Regular Service -- \$5.00

Regular Service is still only \$5 per order regardless of how many different items you order with the exception of monitors, systems, and printers (additional charges are noted on the appropriate pages). This charge includes the cost of labor, the shipping carton, packaging materials, insurance, and the actual shipping cost via UPS Ground Service. (UPS Ground Service can take up to ten days). Regular Service is not available to Alaska, Hawaii, Canada, Puerto Rico, Post Office boxes, APO, FPO, or any other location which UPS does not offer ground service. If you want us to ship to any of these locations you must pay for one of the special services listed in this section.

### Special Service -- Priority

If you want us to give your order special attention you can pay a \$7.50 premium and select Priority Service. When you select Priority Service we'll put a rush on your order and if any item you order is not in stock we'll add your name to the top of the waiting list. Everything that is in stock ships immediately. Orders received after 3:00PM EST may not ship the same day.

While we can't make any promises, in most cases you'll receive your package within three business days because your order will ship UPS Blue Label (second day service). If UPS does not offer second day service to your address, or if you did not give us a street address, your order will be shipped via First Class Priority Mail. To select "Special Service -- Priority" check the appropriate box and enter \$7.50 in the Additional S&H section of our order form. (Total S&H charge: \$12.50).

### Special Service -- Top Priority

If you want us to "drop everything and process your order" you may select Top Priority Service. In this case we'll do our best to get your order to you the next business day (UPS "Red Label" or equivalent), provided everything is in stock. To select "Special Service -- Top Priority" check the appropriate box and enter \$22.50 in the Additional S&H section of our order form. (Total S&H charge: \$27.50)

Note: Prices for Priority Services do not apply to monitors, complete systems, or printers, unless UPS Ground Service is not available in your area. In this case, contact our Customer Service Department to determine actual shipping charges.

### Shipping Services and Other Locations

We will ship to other locations or use any other shipping method that you request if you pay the actual shipping cost plus a \$10 service fee. In this case, pay by credit card and tell us how you want your order shipped. We will add the appropriate charges to your bill. The \$10 service fee is applied to cover the cost of shipping materials and labor.

## POLICIES

All Sales Final After 30 Days. Prices Subject to Change without Notice. No Refunds on Reconditioned Items. Not Responsible for Typographical Errors. Not Responsible for Shortages after Seven Days.

### Hardware Policy

All hardware sold by PC Enterprises is brand new unless otherwise stated and guaranteed to work correctly. If you receive a product which does not work correctly we will repair or replace the product or refund your money.

### Software Policy

All software in our catalog is believed to fully PCjr compatible (certain items are modified for PCjr compatibility). If software you purchase is defective or accidentally damaged we'll replace it-- otherwise software can NOT be returned once opened. The only exception is when we goofed and the program does not run correctly on a PCjr. If this happens, we'll either fix the problem or refund your money.

### Returns Policy

If you need to return an item for repair or refund call our Customer Service Department (908) 280-0025 to obtain a Return Authorization (RA) number. Write this number on the outside of the package. You pay shipping charges to us and we pay the shipping back to you. Items returned without a valid RA number will be refused. If you paid by credit card and request a refund we will credit your account. If you paid by check and request a refund we will send you a check payable in US dollars. Requests for refund must be accompanied by proof of purchase and be in accordance with one of the policies listed in this section. Sorry, shipping and handling charges are not refundable.

### Our Compatibility Guarantee

There's never a restocking charge if you purchase a product that you are unable to use due to compatibility. We'll do our best to solve compatibility problems for you. All you need to do is describe the problem with adequate detail for our staff to reproduce the problem in our laboratory. If we can't solve the problem in a reasonable time, you'll be permitted to return the product in accordance with our Satisfaction Guarantee, and, of course we'll waive all usual restocking charges.

### 30-Day Satisfaction Guarantee

All hardware is sold with our 30-Day Satisfaction Guarantee. Try it. If for any reason you are not completely satisfied, we'll take it back. Items manufactured by other companies must be returned in like-new condition with all original packaging and documentation. (Do not write on documents or boxes). We will refund the purchase price of the item(s) less a 15% restocking charge if in our opinion the item must be restocked before it can be resold. Shipping and handling charges are not refundable.

### Our Full Year Warranty

All services performed and products manufactured with the PC Enterprises label are warranted for one full year (90 days for reconditioned products). Details available upon request. Items manufactured by IBM which were sold by PC Enterprises are also covered by our same full year warranty, as are items manufactured by other companies which are modified for PCjr compatibility by PCE (these items will be clearly indicated in our catalog and on their packaging). Items manufactured by other companies (except those modified by PCE) can only be returned to PC Enterprises for service or replacement during the first two weeks. After two weeks the manufacturer's warranty is in effect.

### Sale Prices

We regret that we can not refund the difference to customers who may have previously paid a higher price.

## Extensive Diagnostic Testing for PCjr

For just \$35 we'll give your PCjr a thorough checkup. Our trained PCjr technicians will perform our Extensive Diagnostic Testing (EDT) service on your PCjr system, then provide you with a report that tells you everything your PCjr needs to pass EDT. PC Enterprises' *EDT Service for PCjr Computers* is the most thorough and comprehensive test program put together for a PCjr computer since IBM closed the PCjr production facility.

Once *EDT Service for PCjr Computers* has been completed you'll receive a call from our Customer Service Department. They'll tell you everything your system needs to pass EDT. If you authorize us to make repairs, our trained PCjr technicians will professionally install the parts and products you purchase—then retest your system. EDT Service for PCjr Computers includes:

- Visual inspection of the entire PCjr System
- Test of all built-in system board options including the system board memory, video, keyboard, joystick, and light pen interfaces, and the serial port.
- Disk drive performance and alignment\*
- Test of all internal options including internal memory cards, power supplies, modems, ROM clocks, speed up boards plus lots almost any other internal options that you might have
- Test of all IBM and PCE sidecars including memory expansions, printer attachments, power attachments, speech attachments, plus lots more!

In addition, we'll also test your keyboard, color display, power transformer, and just about any other PCjr product you may have as long as it is sent in at the same time as your system.

### \*Additional Charges

Add \$15 for each floppy or hard drive installed. This is due to additional labor to both test and disassemble these systems.

### Turn-Around Time

Turn-around time varies with the workload. Naturally, every PCjr owner would like us to work on their system the day received, so we promise to do the best that we can. Feel free to call in advance and ask us to estimate turn-around time based on our existing workload. On average, expect EDT to take one to two weeks.

### Installation Service Offered

After EDT is performed you may elect to repair your PCjr. Simply purchase the actual replacement parts that you need and pay \$25 for labor. Our trained PCjr technicians will install any parts, in addition to new PCjr products that you purchase for no added charge.

### Return Shipping Charges:

PCjr systems with one drive	\$15
PCjr systems with two drives	\$20
PCjr systems with three drives	\$25

## Shipping your Computer to PCE is Safe, Easy, and Inexpensive!

Computers are shipped by United Parcel Service (UPS) and other carriers every day. While all carriers offer inexpensive insurance (typically about \$3) to protect against loss or damage as long as the computer is properly packed, reports of loss or damage are extremely rare. The easiest way to ship your computer to PCE is to bring it to a company that provides a shipping/packaging service in your home town. Companies such as Mail Boxes Etc., Pac Mail, and others will properly package your computer using their packaging material for a modest fee.

Before disassembling your computer, it is a good idea to backup any important files on the hard drive and if you have an older computer to park your hard drive heads. Most hard drives have self-parking heads so this may only be necessary if you have a very old computer. Refer to your user's manual. Disconnect all power cords from the computer and send only the main CPU unit when requiring service. Include all manuals and diskettes provided with the computer, and any other options you have added.

## Attention School Systems

### YES - We can Save you Money Too!!

PC Enterprises is now offering the following services to school systems. We can also make these services available for other systems (XT, PS/2 and compatibles). Call for details.

- Special pricing
- Service contracts
- Volume discounts
- Purchase orders accepted for qualified districts

## Refurbished XT and AT Computers from \$199

PC Enterprises offers many refurbished XT, AT, 286 and 386 systems with and without hard drives. Prices range from \$199 to \$495 depending upon configuration.

- Economical upgrade option
- All systems refurbished by PCE
- 90-Day warranty
- Limited supplies - call for pricing and availability

## Upgrade your existing computer to a 486 for as little as \$195!!!

Many people want to upgrade to a state-of-the-art 486 based system, but believe that the cost of doing so is beyond their budget- NOT SO! At PC Enterprises, we have affordable 486 upgrade options to meet most budgets.

For PCjr owners we offer the following:

- Trade-in of your PCjr toward our complete 486 systems
- A complete 486 system that will work with your existing PCjr color display starting at \$599 with trade-in

For 286 and 386 owners the options above, or:

We'll upgrade your 286 and 386 computer to a powerful 486 that can run all the latest software for a fraction of what a new computer would cost. Prices begin at \$195 including labor. This price is based on re-using your VGA monitor, IDE hard drive, floppy drives, 30-pin SIMM memory (80ns), video card, mouse, and keyboard. Systems that do not use a standard desktop or tower case are \$65 higher. Most 286 systems also require purchasing additional memory (about \$50 per MB).

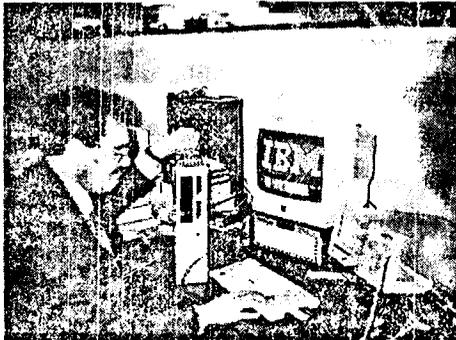
To take advantage of this offer ship your computer's CPU unit to PC Enterprises. We will perform a FREE upgrade evaluation and tell you exactly what you need and an exact quote to upgrade your computer. If you decide not to upgrade all you pay is the return shipping!

# Flat Rate PCjr Repair as low as \$99 Includes Parts and Labor!!!

Flat rate PCjr repair is now offered for unexpanded PCjr computers as well as PCjrs that have been enhanced to include a wide variety of add on products. That's right, for just \$99 we'll fix everything that's wrong with almost any PCjr computer!

Flat Rate Repair Service includes:

- Extensive Diagnostic Testing (EDT) for PCjr systems to determine exactly what your PCjr needs
- Repair or replacement of all original equipment IBM or PCE parts that fail EDT
- Repair or replacement of most third party PCjr add-on products\*
- Clean your PCjr
- Overnight burn-in (if necessary)
- 90-Day warranty



We will repair your PCjr regardless of which add-on products you have installed. A partial list of third party add-on products that we routinely test and repair as part of the PCjr Flat Rate Repair Service appears below\*.

In rare cases we are unable to test or repair a PCjr add-on product even though it may appear on the supported add-on product list. If this happens we'll contact you to discuss alternatives, and you would only be responsible for round trip shipping to our facility. Also, the Flat Rate PCjr Repair charge does not include servicing monitors or hard drives. If one of these products requires service, the cost is quoted separately. All parts replaced become the property of PCE and replacement parts used may be new or reconditioned depending upon availability.

#### \*Supported Add-on Products

We always test, and almost always repair, all PCjr add-on products made by AST, IBM, Impulse, Micro Products, Microsoft, Quadram, Rapport, Racore, and Tecmar. Products manufactured by other companies are supported on a case by case basis. Plug-in power transformers must be included with Tecmar jrCaptain products.

## \$99

### Basic Flat Rate Repair for PCjr systems with one Floppy Diskette Drive

Includes the Enhanced Model PCjr system unit and most PCjr add-on products. Add \$15 for return shipping.  
#98529

## \$129

### Basic Flat Rate Repair for PCjr systems with two Drives

Includes PCjrs with two floppy disk drives or one floppy drive and one hard drive. Add \$20 for return shipping.  
#98530

### To Qualify for Flat Rate Repair

- You must include a note describing the problem with adequate detail for us to reproduce the problem in our facility.
- The problem must be reasonably easy to reproduce. In situations where a problem is intermittent we will use a "best guess" method to fix the problem.
- The computer must be received completely assembled and in proper condition to demonstrate the problem.
- The computer must not have any "home" modifications made to the cabinet, system board, disk drive controller or other option that would restrict our ability to perform repairs.
- PCE reserves the right to withdraw the Flat Rate Repair offer in situations where multiple problems exist or where the problem can not be duplicated in our facility.
- The customer agrees to pay shipping charges to and from PCE. In warranty situations round trip shipping charges remain the customers responsibility.
- If for any reason there is a balance due PCE for a repair or return shipping, payment must be made within 60 days. After 60 days the system becomes the property of PCE.
- The customer must include any diskettes necessary for us to demonstrate the problem.



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BULK RATE  
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