

SONY

PCG-FX290 PCG-FX290K



VAIO

**Amazing
1 GHz¹
processor!**

FEATURES

- Mobile Intel® Pentium® III 1 GHz¹ processor featuring Intel® SpeedStep™ technology²
- All-in-one design with floppy drive, hard drive, and CD-RW/DVD-ROM drive
- 15" SXGA+ (1400 x 1050) TFT screen
- 256 MB RAM (expandable to 512 MB)
- 30 GB³ hard drive
- 10Base-T/100Base-TX integrated Ethernet
- AGP-enabled Intel® 815EM graphics chip with up to 11 MB video SDRAM (shared) and 3D graphics support and Intel's Dynamic Video Memory Technology
- 4 MB of 133 MHz SDRAM for Display Cache
- High-capacity lithium-ion battery, dual battery capability
- i.LINK® (IEEE 1394) S400 interface⁴ supports high-speed digital video, audio, and data transfer capabilities among equipped Sony products
- NTSC video out
- Integrated V.90 modem
- Three Programmable Power Keys (PPK) for easy access to key applications
- Built-in stereo speakers
- Built-in with Microsoft® Windows® Millennium Edition (FX290) or Microsoft® Windows® 2000 Professional (FX290K)
- Intel® 815EM graphics chip with up to 11 MB video SDRAM (shared) and Intel Dynamic Video Memory technology
- Built-in stereo speakers

¹ GHz and MHz denote microprocessor internal clock speed; other factors may affect application performance.
² The processor may be reduced to a lower operating speed when operating on battery power.
³ GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.
⁴ i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
⁵ Estimated battery life. Actual battery life may vary on usage.
⁶ Certain restrictions apply to Express Repair Service.
⁷ From date of purchase upon registration.
⁸ Requires payment of additional fees or subscription for use.
⁹ Available with Microsoft® Windows® Millennium Edition only.
¹⁰ Using optional second battery in floppy drive bay.
¹¹ With weight saver in floppy drive bay.

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Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Some pre-installed software titles may not include full documentation. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display.

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3MAX+

Sony VAIO® All-in-One Notebook

MAX Screen: 15" SXGA+ (1400 x 1050) TFT screen

MAX Battery: 2X battery life¹⁰

MAX Mobility: Approximately 7 lbs.¹¹ light;
about 2" thin

PLUS:

- All-in-one design with floppy drive, hard drive, and CD-RW/DVD-ROM drive
- i.LINK® (IEEE 1394) interface⁴
- Integrated 10/100Base-T Ethernet



Sony Digital Handycam® camcorder sold separately.

SPECIFICATIONS

Model

PCG-FX290 and PCG-FX290K

Processor

Mobile Intel® Pentium® III processor 1 GHz¹ featuring Intel® SpeedStep™ technology²

Cache Memory

256 KB integrated on-die level 2

Bus Speed

100 MHz

Bus Architecture

AGP

LCD

15.0" SXGA+ (1400x1050) TFT

Graphics

Intel® 815EM graphics chip with up to 11 MB video SDRAM (shared) and Intel's Dynamic Video Memory technology

4 MB Display Cache with 3D buffer

Digital Audio

Intel® 815EM with 3D surround

MPEG

MPEG1 and MPEG2 digital video

Supports full screen playback

Standard RAM

256 MB SDRAM, expandable to 512 MB

Hard Drive

30 GB³ fixed

CD-RW/DVD-ROM Drive

Fixed CD-RW and 8X max. DVD-ROM drive

Floppy Disk Drive

Removable 1.44 MB, 3.5" internal operation

Floppy disk drive bay also supports second lithium-ion battery when floppy drive is removed

Ethernet

10Base-T/100Base-TX integrated Ethernet

Modem

Integrated V.90 modem

Keyboard

86 key QWERTY layout

19mm key pitch

3mm stroke

Pointing Device

Electro-Static touch pad

Speaker

Built-in stereo speakers

Battery

Lithium-ion battery

Supports dual battery operation

Battery Life

2.5–3.5 hours with one battery⁵

5.0–7.0 hours with optional second battery⁵

PC Card Slots

Supports one or two type II or one type III PC card

CardBus support

Other Interfaces

Serial, parallel, VGA monitor, NTSC video out, USB(2),

RJ-11 phone jack, i.LINK® (IEEE 1394) S400

interface⁴, mic-in, headphone, port replicator, RJ-45

Ethernet, port replicator

Power Requirements

58.5 watts maximum (19.5V DC / AC100-240V)

Power Management

Energy Star compliant

Advanced power management - ACPI compatible

Size (H x W x D)

2.2" X 12.8" X 10.5"

Weight

7.1 lbs. (with weight saver in floppy drive bay)

7.5 lbs. (with floppy drive in floppy drive bay)

Supplied Accessories

Lithium-ion battery, AC adapter, weight saver, floppy disk drive, power cord, and video cable

Optional Accessories

Additional battery (PCGA-BP71 or BP71A)

Network port replicator (PCGA-PRFX1)

USB mouse (PCGA-UMS1/A)

Carrying case (PCGA-CCF)

Additional AC adapter (PCGA-AC19V1)

Wireless LAN Access Point & PC Card (PCWA-A100)

Wireless LAN PC Card (PCWA-C100)

Service

One year limited Express Service⁶

Limited Warranty

One year parts and labor (90 days without registration)⁷

Telephone Support

Hardware: One year⁷

Software and operating system: 90 days⁷

INCLUDED SOFTWARE

Operating System

FX290: Microsoft® Windows® Millennium Edition

FX290K: Microsoft® Windows® 2000 Professional

Software Applications

Adaptec Easy CD Creator

Adobe® Acrobat Reader™

Adobe PhotoDeluxe® Home Edition⁹

Adobe Premiere® LE⁹

Apple QuickTime™

Arcsoft® PhotoPrinter™ 2000 Pro⁹

Intuit® Quicken® 2001

McAfee® VirusScan®⁹

Microsoft® Word 2000

RealNetworks® RealPlayer®

Sonic Foundry® Sound Forge® XP

Sony DVgate™

Sony Media Bar

Sony MovieShaker™

Sony OpenMG™ Jukebox⁹

Sony PictureGear™

Sony Smart Capture

Sony VisualFlow™

WinDVD® 2000

Online Center

America Online®⁸

CompuServe® 2000⁸

EarthLink Network TotalAccess®⁸

Netscape Communicator®

Prodigy Internet®⁸

VAIO Support Agent