

QUICKSPECS

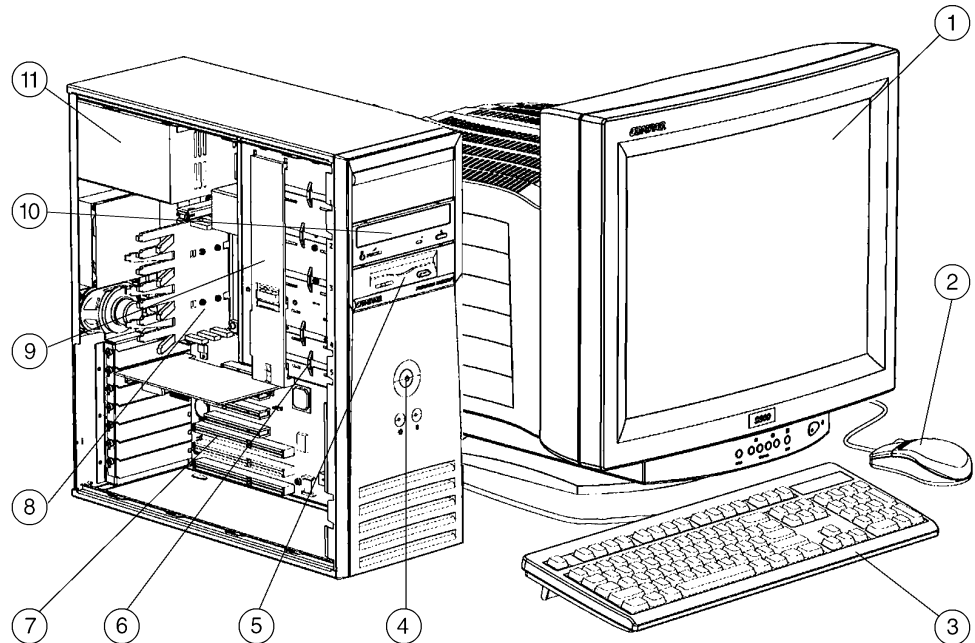
Overview

AT A GLANCE

- Flexible solutions configured to your specifications available direct from Compaq or an Authorized Agent
- Immediate out-of-box productivity with pre-installed software like Microsoft Office 97 Small Business Edition or Office 2000 Small Business, and access to convenient Compaq Online Services
- Convertible ATX chassis
- Best-in-class, industry-standard technology at very competitive prices
- 100-MHz Front Side Bus
- Enhanced or Prosignia Internet Keyboard, depending on model
- Fully network tested
- Energy Star compliant
- Protected by Compaq Services, including a three-year¹ limited warranty

CONFIGURABLE COMPONENT

- Intel Pentium® III processors (100 MHz) at 450, 500 or 550 MHz with 512-KB level 2 cache
- Up 384-MB
- 1.44 Diskette Drive or SuperDisk LS-120
- High-capacity Ultra ATA 7200 and 5400 rpm Hard Drives - 9.1-, 13.5-, 18-, 22.6-, 25.5-, 27-, 34- or 38-GB²
- 32X Max³, 40X Max⁴, or 52X TrueX⁵ CD-ROM Drive and DVD-ROM Gen3⁶ (6X/32X) Drive
- STB/nVidia TNT 3D AGP with 16 MB SDRAM or STB/nVidia TNTv 3D AGP with 16 MB SDRAM; Diamond/nVidia Vanta with 16 MB SDRAM, Diamond/nVidia TNT2 with 16 MB SGRAM or Diamond/nVidia Ultra2 with 32 MB SDRAM
- Full selection of external speakers
- Optional, Iomega 100 or 250 Internal ZIP drive, Modem, NICs and other components



1. Color Monitor (optional)
2. Compaq Microsoft IntelliMouse
3. Enhanced Keyboard (pictured)
4. Dual State Power Button
5. Diskette Drive Bay – 1.44-MB Diskette Drive or SuperDisk LS-120
6. High-Capacity Ultra ATA Hard Drive
7. Expansion Slots
8. Processor with Heatsink
9. Compaq Drive Release System
10. Optical Bays – 32X Max³ or 40X Max⁴ CD-ROM, 52X TrueX⁵ CD-ROM or DVD-ROM Gen3⁶ (6X/32X) Drive
11. 145-Watt Power Supply

QUICK SPECS

Standard Features

MODELS

Configured to Order

Prosignia Desktop 330 (100-MHz FSB)

Select the following to configure
 your own Prosignia Desktop:

- Processor
- Memory
- Hard Drive
- Removable Storage
- Optical Storage
- Graphics Card
- Audio Card
- Software
- Modem
- Network Interface Controller

Flexible Solutions Configured to Order

Order the Prosignia Desktop the way the customer wants it by selecting the processor, hard drive, memory, graphics controller, and more. Purchase directly from Compaq or a Compaq Authorized Agent.

Processors

Intel Pentium III processors at 450, 500 or 550 MHz

Cache Memory

512-KB level 2 cache

Memory

Standard	128 MB
Maximum	384 MB

Expansion Slots

I/O (Total)	6
Shared PCI/ISA	1
PCI	3
ISA	1
AGP	1

Storage Controller

Embedded Ultra ATA

Storage

Diskette Drives	1.44 MB or SuperDisk LS-120
CD-ROM	32X Max ³ , 40X Max ⁴ CD-ROM, 52X TrueX ⁵ CD-ROM, or DVD-ROM Gen3 ⁶ (6X/32X)
Hard Drives	9.1-, 13.5-, 18-, 22.6-, 25.5-, 27-, 34-, or 38-GB ² Ultra ATA
Optional	Internal Iomega 100 or 250-MB ZIP Drive

Interfaces

Parallel	1
Serial	2
Pointing Device (mouse)	1
Graphics	1
Keyboard	1
USB	2

Graphics

STB/nVidia TNT 3D AGP (16-MB SDRAM)
 STB/nVidia TNTv 3D AGP (16-MB SDRAM)
 Diamond/nVidia TNT2 Ultra32 (32-MB SDRAM)
 Diamond/nVidia TNT2 (16-MB SDRAM)
 Diamond/nVidia Vanta (16-MB SDRAM)

Sound Multimedia Audio Cards

Creative SoundBlaster Live Value PCI 512V
 Creative SoundBlaster Audio PCI 128v (SWT)

Sound Multimedia Speakers

Altec Lansing ACS 46
 Creative SBS 52
 Creative SBS 50

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Standard Features

Communication

Compaq 56K V.907 PCI Data/Fax Modem
Wireless LAN 2Mb/sec
Compaq Fast Ethernet NIC NC3121 PCI 10/100 Intel/WOL (Wake on LAN)
3Com Fast EtherLink XL 10/100 TX PCI with remote wakeup

Software

Windows 98 or Windows NT 4
Microsoft Office 97 Small Business Edition or Microsoft Office 2000 Small Business, or
Microsoft Office 97 Professional Edition, or Microsoft Office 2000 Professional
Microsoft Internet Explorer 5.0
Compaq Online Services
Compaq/GTE Internet Access
Norton AntiVirus Ver 5.0
Safety and Comfort Guide
Diagnostics for Windows,
Compaq Intelligent Manageability
CompuServe and AOL
Microsoft NetMeeting

OS Support

Windows 98 or Windows NT 4

Manageability

Support for DMI ensures complete inter-operability with a large number of PC LAN management tools, including Compaq Intelligent Manageability.

Security

Setup Password
Memory Change Alert
Ownership Tag
QuickLock/QuickBlank
Power-On Password
Removable Media Boot Control
Removable Media Write Control
Serial Port Control
Parallel Port Control
USB Port Control

Online Services

Suite of Internet-based solutions designed to create growth opportunities and reduce operating costs for small and growing businesses
online.connectivity
online.commerce
online.delivery
online.briefcase
online.backup
online.auction
online.message center

Power Supply

145-Watt Power Supply

Keyboard

The Prosignia Internet Keyboard offers numerous Easy Access buttons that make accessing and using the Internet easier and faster. It will be available on models introduced in June 1999. All other models come with the Compaq Enhanced Keyboard

Service and Support

Compaq Backup media is provided for ease of reinstallation of software if necessary. Protected by Compaq Services including a three-year, limited warranty¹ with first year on-site, toll-free 7 x 24 hardware technical phone support service line at 1-877-456-7878 and online support through CompuServe, Prodigy, America Online, and the Internet.

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Configurable Components

Flexible Solutions Configured to Order

Configurable components are available directly from Compaq or through a Compaq Agent and are for first time configurations only.

Form Factor (Choose one of the following)

Minitower
Desktop

Processor (Choose one of the following)

Pentium III 550/100 MHz
Pentium III 500/100 MHz
Pentium III 450/100 MHz

Memory⁸ (Optional Memory upgrade)

384-MB Memory Kit (3 x 128-MB SDRAM ECC DIMM)
256-MB Memory Kit (2 x 128-MB SDRAM ECC DIMM)
128-MB Memory Kit (1 x 128-MB SDRAM ECC DIMM)
96-MB Memory Kit (1 x 64-MB and 1 x 32 SDRAM ECC DIMM)
64-MB Memory Kit (1 x 64-MB SDRAM ECC DIMM)
384-MB Memory Kit (3 x 128-MB SDRAM DIMM)
256-MB Memory Kit (2 x 128-MB SDRAM DIMM)
128-MB Memory Kit (1 x 128-MB SDRAM DIMM)
96-MB Memory Kit (1 x 64-MB and 1 x 32-MB SDRAM DIMM)
64-MB Memory Kit (1 x 64-MB SDRAM DIMM)

Hard Drives (Choose one of the following)

38-GB² Ultra ATA Hard Drive (5400 rpm)
34-GB² Ultra ATA Hard Drive (7200 rpm)
27-GB² Ultra ATA Hard Drive (7200 rpm)
25.5-GB² Ultra ATA Hard Drive (5400 rpm)
22.6-GB² Ultra ATA Hard Drive (7200 rpm)
18-GB² Ultra ATA Hard Drive (7200 rpm)
13.5-GB² Ultra ATA Hard Drive (7200 rpm)
9.1-GB² Ultra ATA Hard Drive (7200 rpm)

Removable Storage (Choose one of the following)

1.44-MB Diskette Drive
SuperDisk LS-120

Removable Storage (Optional)

Internal Iomega 250-MB ZIP Drive
Internal Iomega 100-MB ZIP Drive

Optical Storage (Choose one of the following)

Internal DVD-ROM Gen3⁶ (6X/32X) Drive
52X TrueX⁵ CD-ROM Drive
Internal 40X Max⁴ CD-ROM Drive
Internal 32X Max³ CD-ROM Drive

Graphics Card (Choose one of the following)

Diamond/nVidia TNT2 Ultra 32 (32-MB SDRAM)
Diamond/nVidia TNT2 16 (16-MB SDRAM)
Diamond/nVidia Vanta (16-MB SDRAM)
STB/nVidia TNT 3D AGP (16-MB SDRAM)
STB/nVidia TNTv 3D AGP (16-MB SDRAM)

Multimedia Audio Card (Choose one of the following)

Creative SoundBlaster Live Value PCI 512v
Creative SoundBlaster AudioPCI 128v (SWT)

Multimedia Speakers (Choose one of the following)

Altec Lansing ACS46 (speakers and subwoofer)
Creative SBS 52
Creative SBS 50

Operating System (Choose one of the following)

Microsoft Windows NT 4
Microsoft Windows 98

Office Suite (Choose one of the following)

Microsoft Office 2000 Professional
Microsoft Office 97 Professional Edition
Microsoft Office 2000 Small Business
Microsoft Office 97 Small Business Edition

Software (Optional)

Norton Utilities for Windows NT
Norton Utilities for Windows
Symantec Act
Symantec WinFax PRO
Carbon Copy (complete version)

Modems (Optional)

Wireless LAN 2Mb/sec
Netelligent 56K⁷ ISA Fax Modem (upgradeable to v.90⁹)
Compaq 56K V.90⁷ PCI Data/Fax Modem

Network Interface Controllers (Optional)

Compaq Fast Ethernet NIC NC3121 PCI 10/100
Intel/WOL (Wake on LAN)
3Com Fast EtherLink XL 10/100 TX PCI with remote wakeup

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Options

Enhancements

Enhancements are available through Compaq Authorized Resellers for first time configurations or upgrades, or directly from Compaq or a Compaq Agent for upgrades.

Memory⁸

256-MB Memory Kit (2 x 128-MB SDRAM ECC DIMM)	102307-B21
128-MB Memory Kit (1 x 128-MB SDRAM ECC DIMM)	166618-B21
64-MB Memory Kit (1 x 64-MB SDRAM ECC DIMM)	166617-B21
256-MB Memory Kit (2 x 128-MB SDRAM DIMM)	102306-B21
128-MB Memory Kit (1 x 128-MB SDRAM DIMM)	166614-B21
64-MB Memory Kit (1 x 64-MB SDRAM DIMM)	166613-B21

Hard Drives

8.4-GB ² Ultra ATA Hard Drive (5400 rpm)	294245-B21
10-GB ² Ultra ATA Hard Drive (5400 rpm)	387473-B21
22.6-GB ² Ultra ATA66 Hard Drive (7200 rpm)	120203-B21

Removable Storage

52X TrueX ⁵ CD-ROM	120192-B21
40X Max ⁴ CD-ROM Drive	388116-B21
32X Max ³ CD-ROM Drive	294240-B21
SuperDisk LS-120 Drive	185061-B25
Internal Iomega 100 MB ZIP Drive	294402-B21
TR5 10/20 GB IDE Tape Drive	294243-B21
DVD-ROM Gen3	294406-B21
6X CDRW	294239-B21

Monitors¹⁰

P1610 Color	305708-001
P110 Color	325600-001
P75 Color	307806-001
V1000 Color	315756-001
V900 Color	303500-001
S900 Color	360562-001
S700 Color	360512-001

Graphics

Matrox Millennium G200 AGP Graphics Controller	294308-B21
Matrox Millennium II PCI Graphics Controller	270246-B21
12-MB WRAM Module (for Matrox Millennium II)	270833-B21
4-MB WRAM Module (for Matrox Millennium II)	270831-B21

Storage Controllers/Cables

Ultra ATA Cable Kit (80-pin)	294162-B21
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Multimedia

SoundBlaster PCI 64V Wavetable Sound Card	387472-B21
Creative SBS 50 (speakers)	402546-B21

Modem

Compaq 56K ⁷ ISA Fax Modem (upgradable to v.90 ⁹)	294900-001
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Network Interface Controllers

Compaq Fast Ethernet NIC NC3121 PCI 10/100 Intel/WOL (Wake on LAN)	323551-B21
Compaq Fast Ethernet NC3122 Dual Port PCI 10/100	317450-B21
Fast EtherLink XL PCI 10/100 Base-TX	387993-001
Compaq 10/100 TX PCI Intel UTP Controller	317600-B21
Compaq 10 T PCI Intel UTP NIC	317356-B21
Wireless LAN 2Mb/sec	103931-B21
3Com Fast EtherLink XL 10/100 TX PCI with remote wakeup	400722-B21

Other

Serial/ECP Parallel Interface Board	294293-B21
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Memory

Compaq Prosignia Desktop 330

STANDARD MEMORY

128 MB Installed in slot 1 (128-MB SDRAM)

Standard	Slot		
	1	2	3
128 MB	128 MB	Empty	Empty

STANDARD MEMORY PLUS

OPTIONAL MEMORY

Support for up to 320 MB of SDRAM is available with the installation of an Optional Memory Upgrade.

Standard	Slot		
	1	2	3
192 MB	128 MB	64 MB	Empty
256 MB	128 MB	128 MB	Empty
320 MB	128 MB	128 MB	64 MB
384 MB	128 MB	128 MB	128 MB

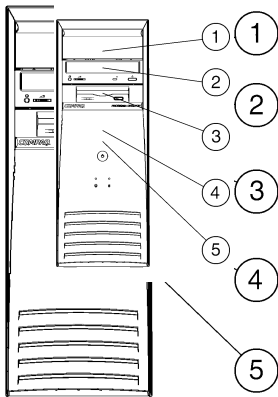
It is not necessary to add memory in like pairs of memory modules. Memory upgrades are accomplished by adding single or multiple DIMMs of the same or varied sizes.

Following are the memory options available from Compaq for the Prosignia Desktop 330:

- 128-MB Memory (1 x 128-MB SDRAM DIMM, 100 MHz)
- 64-MB Memory (1 x 64-MB SDRAM DIMM, 100 MHz)
- 128-MB Memory (1 x 128-MB SDRAM ECC DIMM, 100 MHz)
- 64-MB Memory (1 x 64-MB SDRAM ECC DIMM, 100 MHz)

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Storage



PROSIGNIA DESKTOP 330 DRIVE SUPPORT

	Quantity Supported	Position Supported	Controller
Removable Media			
Internal Iomega 250-MB ZIP Drive	Up to 1	1	IDE (embedded)
Internal Iomega 100-MB ZIP Drive			
32X Max ³ CD-ROM	Up to 1	2	IDE (embedded)
40X Max ⁴ CD-ROM			
52X TrueX ⁵ CD-ROM			
DVD-ROM Gen3 ⁶ (6X/32X) Drive			
1.44-MB Diskette Drive	Up to 1	3	IDE (embedded)
SuperDisk LS-120 Drive			
Hard Drives			
9.1-GB ² Ultra ATA Hard Drive	Up to 2	4,5	Ultra ATA (embedded)
13.5-GB ² Ultra ATA Hard Drive			
18-GB ² Ultra ATA Hard Drive			
22.6-GB ² Ultra ATA Hard Drive			
25.5-GB ² Ultra ATA Hard Drive			
28.4-GB ² Ultra ATA Hard Drive			
34-GB ² Ultra ATA Hard Drive			
38-GB ² Ultra ATA Hard Drive			

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Technical Specifications

System Unit

Dimensions (HxWxD)	6.6 x 17.65 x 17.11 in/16.76 x 44.83 x 43.46 cm
Weight (standard configuration)	23.7 lbs/10.74 kg
Power Supply	
Operating Voltage Range	90 to 132 VAC/180 to 264 VAC
Rated Voltage Range	100 to 127 VAC/220 to 240 VAC
Rated Line Frequency	50 to 60 Hz
Rated Input Current	4A/2A
Maximum Rated Power	145 W
Temperature	
Operating	50° to 93° F/10° to 35° C
Non-operating	-22° to 140° F/-30° to 60° C
Humidity (non-condensing)	
Operating	8% to 90%
Non-operating	5% to 95%
Maximum Altitude (unpressurized)	
Operating	10,000 ft/3,048 m
Non-operating	30,000 ft/9,144 m

Enhanced Keyboard

Dimensions (HxWxD)	1.5 x 18 x 6.5 in/3.81 x 45.72 x 16.51 cm
Weight	3.5 lbs/1.59 kg

Internet Keyboard

Dimensions (HxWxD)	1.25 x 18 x 7.5 in/3.18 x 45.72 x 19.05 cm
Weight	2.65 lbs/1.29 kg

1.44-MB Diskette Drive

Diskette Size	3.5 in
LED Indicators (front panel)	Green
Read/Write Capacity per Diskette (high/low density)	1.44 MB/720 KB
Drive Height	One-third
Drive Rotation	300 rpm
Transfer Rate (high/low)	500/250 Kb/s
Bytes/Sector	512
Sectors/Track (high/low)	18/9
Tracks/Side (high/low)	80/80
Access Times	
Track-to-Track (high/low)	3/6 ms
Average (high/low)	94/173 ms
Settling Time	15 ms
Latency Average	100 ms
Cylinders (high/low)	80/80
Read/Write Heads	Two

QUICKSPECS

Technical Specifications

Ultra ATA
 Hard Drives¹¹ (5400 rpm)

38.0 GB²	Capacity	38000.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	2.2 ms
	Width	3.5 in/88.9 mm	Average	9.0 ms
	Interface	ATA-4	Full-Stroke	15.5 ms
	Transfer Rate		Physical Configuration	
	Media	247 MB/s	Cylinders	17,688
	Interface	66 MB/s	Data Heads	10
			Sectors per Track	540 to 295

25.5 GB²	Capacity	25500.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	1.7 ms
	Width	3.5 in/88.9 mm	Average	8.5 ms
	Interface	Ultra ATA	Full-Stroke	15.0 ms
	Transfer Rate		Physical Configuration	
	Media	196 MB/s	Cylinders	15,302
	Interface	16.6 MB/s	Data Heads	10
			Sectors per Track	253 to 390

8.4 GB²	Capacity	8400.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	1.0 ms
	Width	3.5 in/88.9 mm	Average	10.0 ms
	Interface	Ultra ATA	Full-Stroke	18.0 ms
	Transfer Rate		Physical Configuration	
	Media	84.8 to 136 MB/s	Cylinders	8,455
	Interface	16.6 MB/s	Data Heads	8
			Sectors per Track	195 to 264

Ultra ATA
 Hard Drives¹¹ (7200 rpm)

34.0 GB²	Capacity	34000.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	2.2 ms
	Width	3.5 in/88.9 mm	Average	9.0 ms
	Interface	ATA-4	Full-Stroke	15.5 ms
	Transfer Rate		Physical Configuration	
	Media	284 MB/s	Cylinders	17,494
	Interface	66 MB/s	Data Heads	10
			Sectors per Track	450 to 275

28.4 GB²	Capacity	28400.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	1.7 ms
	Width	3.5 in/88.9 mm	Average	8.5 ms
	Interface	Ultra ATA	Full-Stroke	15.0 ms
	Transfer Rate		Physical Configuration	
	Media	139 to 224 MB/s	Cylinders	15,012
	Interface	66.6 MB/s	Data Heads	10
			Sectors per Track	214 to 312

QUICK SPECS

Technical Specifications

Ultra ATA
 Hard Drives¹¹ (7200 rpm)
 (continued)

22.6 GB²	Capacity	22600.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	1.7 ms
	Width	3.5 in/88.9 mm	Average	8.5 ms
	Interface	Ultra ATA	Full-Stroke	15.0 ms
	Transfer Rate		Physical Configuration	
	Media	139 to 224 MB/s	Cylinders	15,012
	Interface	66.6 MB/s	Data Heads	10
			Sectors per Track	214 to 312

18.0 GB²	Capacity	18000.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	1.7 ms
	Width	3.5 in/88.9 mm	Average	8.5 ms
	Interface	Ultra ATA	Full-Stroke	15.0 ms
	Transfer Rate		Physical Configuration	
	Media	139 to 224 MB/s	Cylinders	15,011
	Interface	66.6 MB/s	Data Heads	10
			Sectors per Track	214 to 312

13.5 GB²	Capacity	13500.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	1.7 ms
	Width	3.5 in/88.9 mm	Average	8.5 ms
	Interface	Ultra ATA	Full-Stroke	15.0 ms
	Transfer Rate		Physical Configuration	
	Media	139 to 224 MB/s	Cylinders	15,011
	Interface	16.6 MB/s	Data Heads	6
			Sectors per Track	214 to 312

9.1 GB²	Capacity	9100.0 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	1.7 ms
	Width	3.5 in/88.9 mm	Average	8.5 ms
	Interface	Ultra ATA	Full-Stroke	15.0 ms
	Transfer Rate		Physical Configuration	
	Media	139 to 224 MB/s	Cylinders	15,011
	Interface	16.6 MB/s	Data Heads	4
			Sectors per Track	214 to 312

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Technical Specifications

32X Max³ CD-ROM
Drive IDE

Disk	
Applicable Disk	CD-ROM (Mode 1 and 2) CD-DA, CD-XA, CD-RW (Mode 2, Form 1 and 2) Photo CD (Single and Multi-Session) Mixed Mode (Audio and Data Combined) CDi Ready
Capacity	650 MB (Mode 1, 12 cm)
Diameter	4.7 in, 3.15 in/12 cm, 8 cm
Rotational Speed	4200 rpm maximum
Center Hole	0.6 in/15 mm diameter
Thickness	0.05 in/1.2 mm
Track Pitch	1.6 μ m
Block Size	
Mode 1	2,048, 1024 bytes
Mode 2	2,340, 2,336, 1,024 bytes
CD-DA	2,352 bytes
CD-XA	2,328 bytes
Interface	IDE
Access Times (typical)	
Random	< 100 ms
Full-Stroke	< 150 ms
Audio Output Level	
Line-Out	0.7 VRMS at 47 kOhms
Headphone	0.6 VRMS at 32 Ohms (maximum volume)
Data Transfer Rate	
Sustained	150 KB/s (single)
Burst	1500 to 4800 KB/s (variable)
Cache Buffer	128 KB
Start-up Time (typical)	< 7 seconds
Stop Time	< 4 seconds
Laser Parameters	
Type	Semiconductor Laser GaAlAs
Wave Length	780 \pm 25 nm
Divergence Angle	53.5 $^{\circ}$ \pm 1.5 $^{\circ}$
Output Power	0.14 mW
Operating Conditions	
Temperature	41 $^{\circ}$ to 113 $^{\circ}$ F/5 $^{\circ}$ to 45 $^{\circ}$ C
Humidity	10% to 80%
Dimensions	
(HxWxD, maximum)	11.69 x 5.91 x 8.2 in/4.29 x 15.01 x 20.8 cm
Weight	2.65 lbs/1.2 kg

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Technical Specifications

40X Max⁴ CD-ROM
 Drive IDE

Disk	
Applicable Disk	CD-ROM (Mode 1 and 2) CD-DA, CD-XA, CD-RW (Mode 2, Form 1 and 2) Photo CD (Single and Multi-Session) Mixed Mode (Audio and Data Combined) CDi Ready
Capacity	650 MB (Mode 1, 12 cm) 2,340, 2,336 bytes (Mode 2) 2,352 bytes (CD-DA) 2,328 bytes (CD-XA)
Diameter	4.7 in, 3.15 in/12 cm, 8 cm
Rotational Speed	8,350 rpm maximum
Center Hole	0.6 in/15 mm diameter
Thickness	0.05 in/1.2 mm
Track Pitch	1.6 μ m
Block Size	
Mode 1	2,048, 1,024 bytes
Mode 2	2,340, 2,336, 1,024 bytes
CD-DA	2,352 bytes
CD-XA	2,328 bytes
Interface	IDE
Access Times (typical)	
Random	< 100 ms
Full-Stroke	< 150 ms
Audio Output Level	
Line-Out	0.7 VRMS at 47 kOhms
Headphone	0.6 VRMS at 32 Ohms (maximum volume)
Data Transfer Rate	
Sustained	150 KB/s (single)
Burst	2,550 to 6000 KB/s (variable)
Cache Buffer	128 KB
Start-up Time (typical)	< 7 seconds
Stop Time	< 30 seconds
Laser Parameters	
Type	Semiconductor Laser GaAlAs
Wave Length	780 \pm 25 nm
Divergence Angle	53.5 $^{\circ}$ \pm 1.5 $^{\circ}$
Output Power	0.14 mW
Operating Conditions	
Temperature	41 $^{\circ}$ to 113 $^{\circ}$ F/5 $^{\circ}$ to 45 $^{\circ}$ C
Humidity	10% to 80%
Dimensions	
(HxWxD, maximum)	11.69 x 5.91 x 8.2 in/4.29 x 15.01 x 20.8 cm
Weight	2.65 lbs/1.2 kg

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Technical Specifications

52X TrueX⁵ CD-ROM
Drive IDE

Disk	
Applicable Disk	CD-ROM (Mode 1 and 2) CD-DA, CD-RW, Photo CD (Single and Multi-Session) CD-XA Ready CDi Ready
Capacity	540 MB (Mode 1, 12 cm) 650 MB (Mode 2)
Diameter	4.7 in, 3.15 in/12 cm, 8 cm
Rotational Speed	8,350 rpm maximum
Center Hole	0.6 in/15 mm diameter
Thickness	0.05 in/1.2 mm
Track Pitch	1.6 μ m
Block Size	
Mode 1	2,048 bytes
Mode 2	2,340, 2,336 bytes
CD-DA	2,352 bytes
CD-XA	2,328 bytes
Interface	IDE
Access Times (typical)	
Random	< 100 ms
Full-Stroke	< 150 ms
Data Transfer Rate	
Sustained	150 KB/s (single)
Burst	6,750 to 7800 KB/s (variable)
Start-up Time (typical)	< 15 seconds
Stop Time	< 3 seconds
Operating Conditions	
Temperature	41° to 113°F/5° to 45°C
Humidity	10% to 80%
Weight	2.65 lbs/1.2 kg

QUICK SPECS

Technical Specifications

DVD-ROM Gen3⁶ (6X/32X) Drive

Disk	
Applicable Disk	CD-ROM (Mode 1 and 2) CD-DA, Photo CD (Single and Multi-Session) CD-XA Ready
Capacity	CD: 540 MB (Mode 1, 12 cm) CD: 650 MB (Mode 2) DVD: 4.7-GB, 8.5-GB, 9.4-GB
Diameter	4.7 in, 3.15 in/12 cm, 8 cm
Rotational Speed	8,350 rpm maximum
Center Hole	0.6 in/15 mm diameter
Thickness	0.05 in/1.2 mm
Track Pitch	CD: 1.6 μ m DVD: 0.74 μ m
Block Size	
Mode 1	2,048 bytes
Mode 2	2,340, 2,336 bytes
CD-DA	2,352 bytes
CD-XA	2,328 bytes
Interface	IDE
Line-Out	0.7 Vrms
Headphone	0 to 0.6 Vrms
Access Times (typical)	
Random	DVD: < 100 ms CD: <150 ms
Data Transfer Rate	
Sustained	150 KB/s (single)
Burst	CD: 2,250 to 4800 KB/s (variable) DVD: 2,705 to 8,115 KB/s (variable)
Audio Output Level	
Variable	CD: 1200 to 3600 KB/s
Burst	3.6 MB/s (variable)
Cache Buffer	512 KB
Start-up Time (typical)	< 15 seconds (typical)
Stop Time	< 4 seconds
Operating Conditions	
Temperature	41° to 113°F/5° to 45°C
Humidity	10% to 80%

QUICKSPECS

Technical Specifications

SuperDisk LS-120 Drive

Media Size	3.5 in
LED Indicators	Green in-use indicator
Read/Write Capacity	125.8 MB
Drive Height	No data
Drive Rotation	720 rpm
Transfer Rate	680 KB/s (disk) 565 KB/s (sustained) 4.0 MB/s (burst)
Bytes/Sector	512 MB
Sectors/Track	51 to 98 MB
Tracks/Side	900
Seek Time	
Track-to-Track	20 ms
Average	70 ms
Settling Time	120 ms
Latency Average	41.67 ms

Internal Iomega 100 and 250-MB ZIP Drive

Media Size	3.5 in
Number of Zones	
Sectors/Track, Zone 0	72
Sectors/Track, Zone 1	60
Sectors/Track, Zone 2	48
Sectors/Track, Zone 3	40
Transfer Rate	790 to 1400 KB/sec
Bytes/Sector	512 MB
Seek Time	
Track-to-Track	5 ms
Average	29 ms
Latency Average	10 ms

STB/nVidia TNTv 3D AGP (16 MB)

	16-MB SDRAM	
Resolution (Maximum)	Colors Supported	Refresh Rate
1600 x 1200	16.7M	80 Hz
Acceleration	3 ROP BitBLT, Line Draw, Text, Color Expansion, Basic Video Color Conversion and Scaling	
Memory	16-MB SDRAM Standard	

QUICKSPECS

Technical Specifications

STB/nVidia TNT 3D AGP
 (16 MB)

	16-MB SDRAM	
Resolution (Maximum)	Colors Supported	Refresh Rate
1600 x 1200	16.7M	90 Hz
Acceleration	3 ROP BitBLT, Line Draw, Text, Color Expansion, Basic Video Color Conversion and Scaling	
Memory	16-MB SDRAM Standard	

Diamon/nVidia TNT-2
 Ultra 32 (32 MB)

	32-MB SDRAM	
Resolution (Maximum)	Colors Supported	Refresh Rate
1600 x 1200	16.7M	60 to 200 Hz
Acceleration	3 ROP BitBLT, Line Draw, Text, Color Expansion, Basic Video Color Conversion and Scaling	
Memory	32-MB SDRAM Standard	

Diamon/nVidia TNT-2
 (16 MB)

	16-MB SDRAM	
Resolution (Maximum)	Colors Supported	Refresh Rate
1600 x 1200	16.7M	60 to 200 Hz
Acceleration	3 ROP BitBLT, Line Draw, Text, Color Expansion, Basic Video Color Conversion and Scaling	
Memory	16-MB SDRAM Standard	

Diamon/nVidia Vanta
 (16 MB)

	16-MB SDRAM	
Resolution (Maximum)	Colors Supported	Refresh Rate
1600 x 1200	16.7M	60 to 200 Hz
Acceleration	3 ROP BitBLT, Line Draw, Text, Color Expansion, Basic Video Color Conversion and Scaling	
Memory	16-MB SDRAM Standard	

QUICKSPECS

Technical Specifications

Creative SoundBlaster Audio PCI 128V (SWT)

Type	16-bit, PCI Bus
Installation	Easy installation software – Plug and Play
Sound Quality	Stereo
Sampling	Multiple sample rate up to 48KHz (Selectable)
Stereo Codec	16-bit A/D, D/A codec
Synthesizer	OPL3 FM Synthesis
Audio Output Mixer	Output mixing of all audio sources; Digitized sounds, synthesized music, line-in, CD-audio, PC speaker, microphone
Audio Input Mixer	Synthesized music, Microphone, Aux-In, CD-audio
Volume Stops	Yes
Wavetable	128 General MIDI wavetable instruments, 61 drum programs, 128 MT-32 instruments
3D Sound	Yes
Compression/Decompression	Yes
Internal Support for CD-ROM Drive	Yes
Ports	4 stereo mini-jacks: Microphone/Line input, CD/Aux Input, Audio out (line level and headphones), MIDI/Joystick
Approvals/Environmental	FCC/CISPR 22/85 (Class B)

Creative SoundBlaster Live Value PCI 512v

Type	16-bit, PCI 2.1 Compliant (Open, Half-Length)
Installation	Easy installation software – Plug and Play
Sound Quality	2 Speaker – 3D
Sampling	User Selectable Sample Rates From 8 KHz to 48 KHz (mono/stereo)
Stereo Codec	AC 97 Audio Codec
Synthesizer	512 Voice Polyphony PCI Wave-table Synthesis
Audio Output Mixer	Output mixing of all audio sources; Digitized sounds, synthesized music, line-in, CD-audio, PC speaker, microphone
Audio Input Mixer	Synthesized music, Microphone, Aux-In, CD-audio
Volume Stops	Yes
Wavetable	48 MIDI Channels with 128 GM & GS Compatible Instruments and 10 Drum Kits
3D Sound	Yes
Compression/Decompression	Yes
Internal Support for CD-ROM Drive	Yes
Ports	MPU 41 MIDI/Game Port, Digital CD In, MPC 3 CD Audio In, Telephone Answering Device In, Aux In
Approvals/Environmental	FCC/CISPR 22/85 (Class B)

QUICKSPECS

Technical Specifications

Creative SBS 52

Speaker Size	7.87 x 3.75 x 5.12in
System Requirements	Sound Blaster-compatible sound card installed PC
Weight	1.6 lbs
Environmental Requirements	UL, cUL, CE CSA
Operating conditions	No data
Power Source	12V DC
AC Adapter	Yes
Input Impedance	7.5 kOhms
Maximum Output Power (sat/sub)	7.17 Watts
Frequency Response	80 to16 kHz
Amplifier Performance THD Maximum	10% @ 1 kHz (7 Watts)
Acoustic Measurements Sensitivity	80 dB S.P.L. for 2Vrms input Pink noise at 1m

Creative SBS 50

Speaker Size	7.787 x 3.75 x 5.12 in
System Requirements	Sound Blaster-compatible sound card installed PC
Weight	1.6 lbs
Environmental Requirements	UL, cUL, CE CSA
Operating conditions	No data
Power Source	12V DC
AC Adapter	Yes
Input Impedance	7.5 kOhms
Maximum Output Power (sat/sub)	5.5 Watts/channel 48 Watts total
Frequency Response	80 to 20 kHz
Amplifier Performance THD Maximum	Less than 0.05% @ 1kHz (0.3 Watts)
Acoustic Measurements Sensitivity	83.5 dB S.P.L. for 100mV input Pink noise at 0.5m

Altec Lansing ACS 46

Speaker Size	155 x 95 x 95 cm (Satellite) 205 x 330 x 356 cm (Subwoofer)
System Requirements	Sound Blaster-compatible sound card installed PC
Weight	19.8 lbs/ 8990 grams (Subwoofer)
Environmental Requirements	UL, cUL, CE
Operating conditions	
Temperature	32° to 104° F/0° to 40°
Humidity	10% to 90% (non-condensing)
Power Source	120 VAC/60 Hz, 100 VAC 50-60 Hz
AC Adapter	Yes
Input Impedance	> 10 kOhms – variable
Maximum Output Power (sat/sub)	Sat 20 Watts / woofer 40 Watts
Frequency Response	50 Hz to 20 kHz
Amplifier Performance THD Maximum	< 0.8% @ 100 Hz (1 Watt)
Acoustic Measurements Sensitivity	300 mV for full output

QUICKSPECS

Technical Specifications

Netelligent 56K⁷ ISA Fax Modem (upgradeable to v.90⁹)

Architecture	ISA
Compliance	K56flex ⁷ pre-standard Full ITU-T v.34 compliance Compliance with v.21, v.22, v22bis, v.23, v.32, v.32bis, Bell 103, Bell 212A
Connectors	RJ-11
Error Correction	v.42, MNP2-4
Data Compression	v.42bis/MNP5
Fax Modulation	v.17, v.21, v.29, v.27Ter
Command Set	Hayes AT, Class 1 Fax
OS Driver Support	MS Windows 95 (OSR2), MS Windows NT Workstation 4.0

Compaq 56K V.90⁷ PCI Fax Modem

Architecture	PCI
Compliance	V.90 ⁷ Full ITU-T v.34 compliance Compliance with v.21, v.22, v22bis, v.23, v.32, v.32bis, Bell 103, Bell 212A
Connectors	RJ-11
Error Correction	v.42, MNP2-4
Data Compression	v.42bis/MNP5
Fax Modulation	v.17, v.21, v.29, v.27Ter
Command Set	Hayes AT, Class 1 Fax
OS Driver Support	MS Windows 95 (OSR2), MS Windows NT Workstation 4.0

3Com Fast EtherLink XL10/100 TX PCI

Compliance	IEEE 802.1x, 802.3, and 802.3u
Certifications	FCC Class B CE Mark
Data Transfer	32-bit bus-master PCI 10 or 100Mb/s Auto-negotiating
Connector	RJ-45
Buffer memory	2KB
Operating system support	(Microsoft Windows 95, NT), ODI 16-bit and ODI 32-bit (Novell NetWare), NDIS 2.0 (most operating systems), NDIS 3.0/4.0, SCO UNIX
Supported cabling	CAT 3, 4, 5 UTP (2 or 4 pair) Up to 328 feet (100 meters)

QUICKSPECS

Technical Specifications

Compaq Fast Ethernet
 NIC NC3121 10/100 PCI
 Intel WOL

Compliance	IEEE 802.2, 802.3, and 802.3u
Power requirements	470mA@+5V typical
Certifications	FCC Class B CE Mark
Data Transfer	32-bit bus-master PCI 10 or 100Mb/s Auto-negotiating
Connector	RJ-45
Buffer memory	6KB
Communication processor	Intel 82558 chipset
Operating system support	(Microsoft Windows 95, NT), ODI 16-bit and ODI 32-bit (Novell NetWare), NDIS 2.0 (most operating systems), SCO UNIX
Supported cabling	CAT 3, 4, 5 UTP (2 or 4 pair) Up to 328 feet (100 meters)

Wireless LAN 2MB

Compliance	IEEE 802.11
Power requirements	490 mA@+5V DC
Certifications	FCC Class B CE Mark, UL, CSA
Data Transfer	32-bit bus-master PCI 1 and 2 Mb/s Auto-negotiating
Operating system support	Microsoft Windows 95/98, NT, SCO UNIX

¹ Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

² For Hard Drives, GB = Billion Bytes.

³ Data transfer rates will vary from 150 KB/s to 4800 KB/s.

⁴ Data transfer rates will vary from 150 KB/s to 6,000 KB/s.

⁵ Data transfer rates will vary from 150 KB/s to 7800 KB/s.

⁶ Data transfer rates will vary from 150 KB/s to 8,115 KB/s.

⁷ Designed only to allow faster downloads from v.90 and/or 56Kflex complaint sources. Maximum achievable download transmission rates currently do not reach 56KB/s and will vary with line condition. Modems only work with Windows 9.X and Windows NT.

⁸ There is no exchange or return program available for replacing standard memory.

⁹ ITU v.90 update may be downloaded from Compaq's website.

¹⁰ AssetControl monitor. AssetControl features are accessible with Compaq desktops featuring Intelligent Manageability.

¹¹ Hard drive specifications will vary depending on vendor.