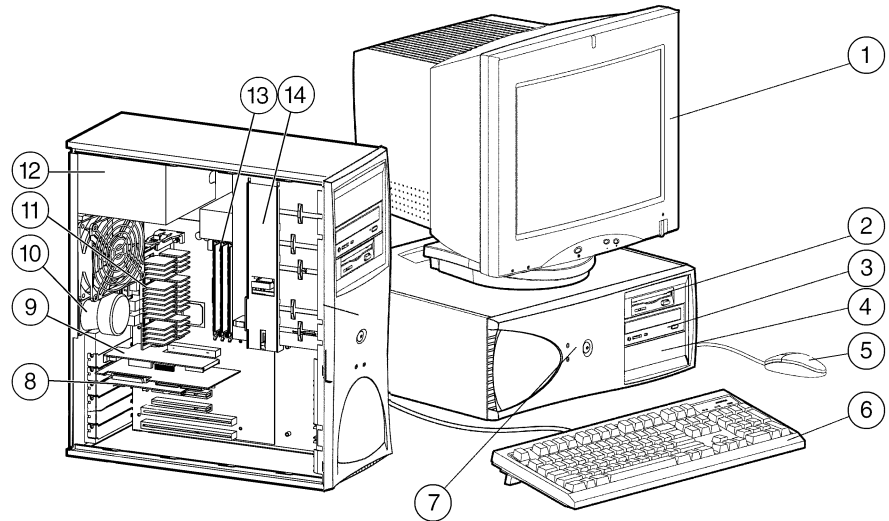


Overview

AT A GLANCE

- One Intel Pentium® III processor 600EB, 733 or 866 MHz with 133-MHz Front Side Bus
- Intel 820 chipset with AGP4X support
- 256-KB Level 2 cache integrated on processor
- 128 or 256 MB of ECC RDRAM, expandable up to 512 MB (1 GB when 288-Mb technology becomes available)
- High-performance 9.1-GB or 18.2-GB (10,000 rpm) Ultra3 (Ultra 160) SCSI or 20-GB (7200 rpm) Ultra ATA/66 SMART hard drive
- Choice of graphics controllers: NVIDIA TNT2 Pro, Matrox Millennium G400, ELSA GLoria II, ELSA Synergy II, 3Dlabs Oxygen GVX1, or Matrox G200 Quad MMS
- Convertible minitower form factor with external drives that rotate 90°, easily converting from minitower to desktop
- Intel PRO/100+ Management Adapter NIC (10/100 Mb/s Autosensing Ethernet Controller) PCI with Wake-on-LAN and Alert-on-LAN, capable of operating in either 10Base-T or 100 Base-TX environments
- 32-bit, PCI-based system
- Seven total slots (four PCI, one shared PCI/ISA, one ISA, one AGP)
- Five bays (three user-accessible, two internal)
- 40X CD-ROM
- Embedded audio with integrated Premier® Sound™ speaker
- Windows NT Workstation 4.0 or Windows 2000 Professional (depending on model) and Compaq support software pre-installed
- Intelligent Manageability features
- Protected by Compaq services, including a three-year limited warranty — Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details. Three year onsite and labor not available in all countries.



- | | |
|------------------------------------|---|
| 1. Compaq Color Monitor (optional) | 8. NIC Controller in PCI Slot |
| 2. 1.44-MB Diskette Drive | 9. SCSI Controller in PCI Slot (on select models) |
| 3. 40X Max CD-ROM Drive (IDE) | 10. Speaker |
| 4. User-accessible Drive Bay | 11. Processor |
| 5. Compaq Three-button Mouse | 12. 200-Watt Power Supply |
| 6. Compaq Keyboard | 13. Memory Module Sockets |
| 7. Power Switch with LEDs | 14. Drive Lock |

QUICK SPECS

Compaq Deskpro Workstation
AP250 Series

Standard Features

MODELS

Compaq Deskpro Workstation AP250

Available in multiple configurations. Not all configurations available in all countries. Check with your Authorized Compaq Reseller or Compaq.

Processor – One of the following:

Intel Pentium III 600EB MHz
Intel Pentium III 733 MHz
Intel Pentium III 866 MHz

Cache Memory

256-KB Level 2 cache standard

Upgradability

Upgrades for memory, graphics and hard drives

Memory – One of the following:

Standard	128 MB of 712-MHz ECC RDRAM
Maximum	512 MB of ECC RDRAM (1 GB when 288-Mb technology becomes available)

Standard	256 MB of 712-MHz ECC RDRAM
Maximum	512 MB of ECC RDRAM (1 GB when 288-Mb technology becomes available)

Network Controller

Intel PRO/100+ Management Adapter NIC (10/100 Mb/s Autosensing Ethernet Controller) PCI with Wake-on-LAN and Alert-on-LAN, capable of operating in either 10Base-T or 100 Base-TX environments

Expansion Slots

I/O (Total/Available)	7, 5 (4 on SCSI models)
Shared PCI/ISA	1, 1
PCI	4, up to 3 (depending on SCSI or graphics controller)
ISA	1, 1
AGP	1, 0 or 1 depending on graphics controller

Storage Controllers

Integrated UATA/66 on all models
Wide Ultra2 SCSI PCI or Ultra3 (Ultra 160) SCSI PCI depending on model ([SCSI models only](#))

Storage

Diskette Drives	1.44 MB
CD-ROM	40X Max CD-ROM Drive (IDE)
Hard Drives	One of the following: 9.1-GB or 18.2-GB Ultra3 (Ultra 160) SCSI (10,000 rpm) 20-GB Ultra ATA/66 (7200 rpm)

Interfaces

Parallel	1
USB	2
Serial	2
Ultra2 SCSI	1 (SCSI models only, 50-pin external, 68-pin internal)
Keyboard (PS/2)	1
Pointing Device (PS/2 mouse)	1
Video	1
Microphone Jack	1
Headphone Jack	1
Line-In Jack	1
Line-Out Jack	1
RJ-45	1

Standard Features

Graphics – One of the following:

3Dlabs Oxygen GVX1 (AGP)
ELSA GLoria II (AGP)
ELSA Synergy II (AGP)
Matrox Millennium G400 DualHead (AGP)
Matrox Millennium G400
(AGP, single display, analog output; digital output available with optional Millennium G400 DVI Daughter Card)
Compaq NVIDIA TNT2 Pro (AGP)
Matrox G200 Quad Multi-monitor Series (PCI)

Audio

Compaq *Premier•Sound* featuring AC'97 Audio

Software

Compaq Management Agents
Compaq PC Diagnostics via the Web
ROM-based Setup
Compaq Restore CD
Microsoft Windows NT Workstation 4.0 or Windows 2000 Professional (depending on model)
Diagnostics for Windows NT
Microsoft Internet Explorer
Microsoft Service Pack 4a
System Software Manager via the Web

Intelligent Manageability

AssetControl
Fault Management
Security Management
Remote Management
Remote Wakeup via Magic Packet Support
Remote ROM Flash
Remote Security
Remote Shut Down
Pre-Failure Warranty (hard drives, processors and memory)

Security

Diskette write and boot control
Flash ROM lock
Keyboard password
Network server mode
Parallel interface control
Power-on password
Serial interface control
Setup password
Cable lock provision

Power Supply

200-Watt Power Supply

Service and Support

Protected by Compaq Services, including a three-year limited warranty with three year parts coverage, three year on-site service, and three year labor; 7 x 24 hardware technical phone support and online support through the Internet; Pre-Failure Warranty coverage of hard drives, processors and memory.

Note: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details. Three year onsite and labor not available in all countries.

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Standard Features

Models

25M/866/128R/20A/2
190217-xx1

Processor	Intel Pentium III 866-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	20-GB Ultra ATA/66 7200 rpm
Memory	712-MHz ECC RDRAM	Controller	Integrated Ultra ATA/66
Standard	128 MB	Graphics	Compaq NVIDIA TNT2 Pro
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

25M/866/128R/20A/2X
164494-xx2

Processor	Intel Pentium III 866-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	20-GB Ultra ATA/66 7200 rpm
Memory	712-MHz ECC RDRAM	Controller	Integrated Ultra ATA/66
Standard	128 MB	Graphics	Matrox Millennium G400 DualHead
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

25M/866/128R/9L/2X
164494-xx3

Processor	Intel Pentium III 866-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	Matrox Millennium G400 DualHead
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

25M/866/128R/9L/2+
164494-xx4

Processor	Intel Pentium III 866-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	ELSA Synergy II
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

25M/866/256R/18L/X
190217-xx2 and graphics option

Processor	Intel Pentium III 866-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	18.2-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Ultra3 (Ultra 160) SCSI
Standard	256 MB	Graphics	Choice of graphics option: Matrox G200 Quad MMS with analog cables 159513-B21 Matrox G200 Quad MMS with DVI cables 179597-B21 Millennium G400 DualHead 159512-B21 Compaq NVIDIA TNT2 Pro 189998-B21 ELSA Synergy II 103382-B21 ELSA GLoria II 174566-B21 3Dlabs Oxygen GVX1 136398-B21
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Standard Features

25M/866/128R/9L/X
164494-xx5 and graphics option

Processor	Intel Pentium III 866-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	Choice of graphics option: Matrox G200 Quad MMS with analog cables 159513-B21 Matrox G200 Quad MMS with DVI cables 179597-B21 Millennium G400 DualHead 159512-B21 Compaq NVIDIA TNT2 Pro 189998-B21 ELSA Synergy II 103382-B21 ELSA GLoria II 174566-B21 3Dlabs Oxygen GVX1 136398-B21
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier</i> Sound
		OS	Windows NT Workstation 4.0

25M/866/128R/20A/X
164494-xx6 and graphics option

Processor	Intel Pentium III 866-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	20-GB Ultra ATA/66 7200 rpm
Memory	712-MHz ECC RDRAM	Controller	Integrated Ultra ATA/66
Standard	128 MB	Graphics	Choice of graphics option: Matrox G200 Quad MMS with analog cables 159513-B21 Matrox G200 Quad MMS with DVI cables 179597-B21 Millennium G400 DualHead 159512-B21 Compaq NVIDIA TNT2 Pro 189998-B21 ELSA Synergy II 103382-B21 ELSA GLoria II 174566-B21 3Dlabs Oxygen GVX1 136398-B21
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier</i> Sound
		OS	Windows NT Workstation 4.0

25M/866/128R/9L/X/W
164494-xx8 and graphics option

Processor	Intel Pentium III 866-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	Choice of graphics option: Matrox G200 Quad MMS with analog cables 159513-B21 Matrox G200 Quad MMS with DVI cables 179597-B21 Millennium G400 DualHead 159512-B21
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier</i> Sound
		OS	Windows 2000 Professional

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Standard Features

25M/733/128R/9L/2
388014-xx3

Processor	Intel Pentium III 733-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	Matrox Millennium G400 (single)
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

25M/733/128R/9L/2+
388014-xx4

Processor	Intel Pentium III 733-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	ELSA Synergy II
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

25M/733/128R/9L/3M
388014-xx5

Processor	Intel Pentium III 733-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	3Dlabs Oxygen GVX1
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

25M/733/128R/9L/X
388014-xx7 and graphics option

Processor	Intel Pentium III 733-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	Choice of graphics option: Matrox G200 Quad MMS with analog cables 159513-B21 Matrox G200 Quad MMS with DVI cables 179597-B21 Millennium G400 DualHead 159512-B21 Compaq NVIDIA TNT2 Pro 189998-B21 ELSA Synergy II 103382-B21 ELSA GLoria II 174566-B21 3Dlabs Oxygen GVX1 136398-B21
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

25M/600EB/128R/20A/2
388014-xx1

Processor	Intel Pentium III 600EB-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	20-GB Ultra ATA/66 7200 rpm
Memory	712-MHz ECC RDRAM	Controller	Integrated Ultra ATA/66
Standard	128 MB	Graphics	Matrox Millennium G400 (single)
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier•Sound</i>
		OS	Windows NT Workstation 4.0

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Standard Features

25M/600EB/128R/20A/2+
388014-xx2

Processor	Intel Pentium III 600EB-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	20-GB Ultra ATA/66 7200 rpm
Memory	712-MHz ECC RDRAM	Controller	Integrated Ultra ATA/66
Standard	128 MB	Graphics	ELSA Synergy II
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier</i> Sound
		OS	Windows NT Workstation 4.0

25M/600EB/128R/9L/X
388014-xx6 and graphics option

Processor	Intel Pentium III 600EB-MHz	Optical Drive	40X Max CD-ROM Drive
Cache Memory	256-KB L2	Hard Drive	9.1-GB Ultra3 (Ultra 160) SCSI 10,000 rpm
Memory	712-MHz ECC RDRAM	Controller	Wide Ultra2 SCSI
Standard	128 MB	Graphics	Choice of graphics option: Matrox G200 Quad MMS with analog cables 159513-B21 Matrox G200 Quad MMS with DVI cables 179597-B21 Millennium G400 DualHead 159512-B21 Compaq NVIDIA TNT2 Pro 189998-B21 ELSA Synergy II 103382-B21 ELSA GLoria II 174566-B21 3Dlabs Oxygen GVX1 136398-B21
Maximum	512 MB (1 GB when 288-Mb technology becomes available)	Audio	AC97 with Compaq <i>Premier</i> Sound
		OS	Windows NT Workstation 4.0

Country Code Key

XX=00	North America: English, French
XX=04	Europe: German, English
XX=03	Europe: English (866-MHz models)
XX=A4	Europe: Dutch, French, English
XX=06	Europe: Italian, English (600EB and 733-MHz models)
XX=AH	Europe: Italian, English (866-MHz models)
XX=B5	Europe: German, French (866-MHz models)
XX=07	Europe: English, Spanish
XX=29	Japan: Japanese
XX=39	Japan: English
XX=37	Asia/Pacific/Greater China: English
XX=AD	Asia/Pacific: English, Korean (866-MHz models)
XX=AA	Greater China: English, Simplified Chinese (866-MHz models)
XX=AB	Greater China: English, Traditional Chinese (866-MHz models)

Options

Memory (RDRAM)

256-MB Memory Module (800-MHz ECC)	157341-B21
128-MB Memory Module (800-MHz ECC)	157338-B21
256-MB Memory Module (712-MHz ECC)	157340-B21
128-MB Memory Module (712-MHz ECC)	157337-B21

Monitors

TFT8020 Flat Panel Color 18-inch (Opal)	326100-xxx
TFT8020 Flat Panel Color 18-inch (Carbon)	159244-xxx
TFT7000 Flat Panel Color 17-inch (not available in NA)	136143-xxx
TFT5010 Flat Panel Color 15-inch (Opal)	104741-xxx
TFT 5010 Flat Panel Color 15-inch (Carbon)	154486-xxx
P1100 Color CRT 21-inch	325606-xxx
P900 Color CRT 19-inch	386326-xxx
P700 Color CRT 17-inch	380207-xxx
V1100 Color CRT 21-inch	386472-xxx
V710 Color 17-inch	187895-xxx

Note: AssetControl monitor. AssetControl features are accessible with Compaq Workstations featuring Intelligent Manageability.

Graphics

ELSA Synergy II (AGP)	103382-B21
ELSA GLoria II (AGP)	174566-B21
Matrox Millennium G400 DualHead (AGP)	159512-B21
Matrox Millennium G400 DVI Daughter Card (used with G400 single display)	388557-B21
Compaq NVIDIA TNT2 Pro (AGP)	189998-B21
Matrox G200 Quad Multi-Monitor Series with cables for analog output (PCI)	159513-B21
Matrox G200 Quad Multi-Monitor Series with cables for DVI output (PCI)	179597-B21
Matrox G200 Quad MMS DVI Upgrade Cable Kit	170840-B21
3Dlabs Oxygen GVX1 (AGP)	136398-B21
3Dlabs Oxygen GVX1 (PCI)	136397-B21

Diskette Drives

250-MB ATAPI ZIP	294416-B21
100-MB ATAPI ZIP	294402-B21

Hard Drives

Ultra3 (Ultra 160) SCSI Drives (Ultra3 or Wide Ultra2 performance depending on controller)

36.4-GB Ultra3 (Ultra 160) SCSI (10,000 rpm)	191189-B21
18.2-GB Ultra3 (Ultra 160) SCSI (10,000 rpm)	159764-B21
9.1-GB Ultra3 (Ultra 160) SCSI (10,000 rpm)	159763-B21

Ultra ATA Drives

20-GB Ultra ATA (7200 rpm)	124724-B21
10-GB Ultra ATA (7200 rpm)	127452-B21

Options

Storage Controllers

Compaq Dual-Channel Ultra3 (Ultra 160) SCSI Controller, Adaptec 3960D	144387-B21
Compaq Single-Channel Ultra3 (Ultra 160) SCSI Controller, Adaptec 29160N	157810-B21
Wide Ultra2 SCSI Controller, Adaptec 2940UW2	124720-B21

Tape Drives

TR5 10/20-GB	294243-B21
12/24-GB DDS-3 DAT	295513-B21

Biometrics

Compaq Fingerprint Identification Technology	294307-001
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Multimedia

Premier•Sound PS115 Speakers	133566-xxx
Premier•Sound PS330 Speakers	160992-xx1
10X DVD-ROM (without MPEG2 decoder)	294414-B21
8X/4X/32X CD-RW	294407-B21

Communications

Intel PRO/100+ Management Adapter	127453-B21
Compaq NC3123 Fast Ethernet NIC PCI 10/100 WOL	174830-B21
Compaq NC3122 Fast Ethernet NIC PCI Dual 10/100	317450-B21
Compaq NC3134: 64 PCI, Dual Base 10/100 WOL	138603-B21
Compaq NC3135: 10/100 Dual Upgrade Module (for NC3134)	138604-B21
Compaq NC4621 TR PCI 4/16 WOL	379956-B21
V.90 PCI Modem (available in North America only)	171914-001

Uninterruptible Power Systems

Compaq Tower UPS Model T1000 (low voltage)	242688-001
Compaq Tower UPS Model T700 (low voltage)	295372-B21
Compaq Tower UPS Model T1000h (high voltage, not available in North America)	242688-002
Compaq Tower UPS Model T700h (high voltage, not available in North America)	295372-B22

Other

Compaq Spaceball 4000 3D Motion Control Input Device	112138-B21
Compaq Mouse (3 button)	269192-B22
Compaq Scroll Mouse	170299-B21
Easy Access Keyboard	122660-xx6
Compaq Smart Card Keyboard	115506-xx6
External SCSI Adapter 68-/50-pin	270187-B21
12/24-GB DAT Cartridge (10 pack)	295515-B21
DAT Cleaning Kit	242781-001
Sliding Shelf Kit for Rack	332564-B21

Support Software CD

Annual Subscription	183426-xxx
Single CD-ROM (current month)	272505-001

Memory

Compaq Deskpro Workstation AP250 Series with RDRAM (128 MB)

STANDARD MEMORY

128-MB RDRAM standard

Standard	Slot	
	1	2
128 MB	128 MB	CRIMM

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 384 MB of RDRAM is available with the installation of optional RDRAM.

Up To	Slot	
	1	2
384 MB	128 MB	256 MB

Support for up to 640 MB of RDRAM is available with the installation of optional RDRAM when 288-Mb technology is available.

STANDARD MEMORY REPLACED WITH OPTIONAL MEMORY

Support for up to 1 GB of RDRAM is available with the removal of the standard 128-MB RIMM and the installation of optional RDRAM when 288-Mb technology is available.

Up To	Slot	
	1	2
512 MB	256 MB	256 MB
1 GB	512 MB	512 MB

Note: It is not necessary to add memory in pairs. Memory upgrades are accomplished by adding single or multiple RIMMs of the same or varied sizes. Do not mix memory speeds. These charts do not represent all possible memory configurations.

- 256-MB Memory Kit (RDRAM RIMM, 800 MHz) 157341-B21
- 128-MB Memory Kit (RDRAM RIMM, 800 MHz) 157338-B21
- 256-MB Memory Kit (RDRAM RIMM, 712 MHz) 157340-B21
- 128-MB Memory Kit (RDRAM RIMM, 712 MHz) 157337-B21

Memory

Compaq Deskpro Workstation AP250 Series with RDRAM (256 MB)

STANDARD MEMORY

256-MB RDRAM standard

Standard	Slot	
	1	2
256 MB	256 MB	CRIMM

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 384 MB of RDRAM is available with the installation of optional RDRAM.

Up To	Slot	
	1	2
384 MB	256 MB	128 MB
512 MB	256 MB	256 MB

Support for up to 640 MB of RDRAM is available with the installation of optional RDRAM when 288-Mb technology is available.

STANDARD MEMORY REPLACED WITH OPTIONAL MEMORY

Support for up to 1 GB of RDRAM is available with the removal of the standard 256-MB RIMM and the installation of optional RDRAM when 288-Mb technology is available.

Up To	Slot	
	1	2
1 GB	512 MB	512 MB

Note: It is not necessary to add memory in pairs. Memory upgrades are accomplished by adding single or multiple RIMMs of the same or varied sizes. Do not mix memory speeds. These charts do not represent all possible memory configurations.

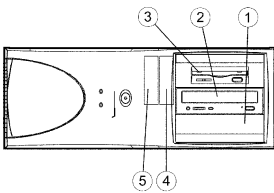
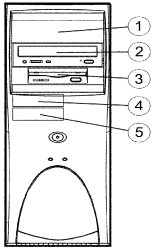
- 256-MB Memory Kit (RDRAM RIMM, 800 MHz) 157341-B21
- 128-MB Memory Kit (RDRAM RIMM, 800 MHz) 157338-B21
- 256-MB Memory Kit (RDRAM RIMM, 712 MHz) 157340-B21
- 128-MB Memory Kit (RDRAM RIMM, 712 MHz) 157337-B21

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Storage

DRIVE SUPPORT



	Quantity Supported	Position Supported	Controller
Removable Media			
1.44-MB Diskette Drive	Up to 1	1, 2, 3	Integrated
IDE CD-ROM Drive	Up to 1	1, 2	Integrated EIDE
250-MB ATAPI ZIP Drive	Up to 1	1, 2	Integrated EIDE
100-MB ATAPI ZIP Drive	Up to 1	1, 2	Integrated EIDE
8X/4X/32X CD-RW	Up to 1	1, 2	Integrated EIDE
10X DVD-ROM	Up to 1	1, 2	Integrated EIDE
Hard Drives			
<i>Ultra3 (Ultra 160) SCSI Drives (Ultra3 or Wide Ultra2 performance depending on controller)</i>			
1-inch	Up to 3	1, 2, 3, 4, 5	Wide Ultra2 SCSI, Adaptec 2940UW2
36.4-GB 10,000 rpm			Compaq Single-Channel Ultra3 (Ultra 160) SCSI, Adaptec 29160N
18.2-GB 10,000 rpm			Compaq Dual Channel Ultra3 (Ultra 160) SCSI, Adaptec 3960D
9.1-GB 10,000 rpm			
Ultra ATA Drives			
1-inch	Up to 3	1, 2, 3, 4, 5	Integrated EIDE
20.0-GB 7200 rpm			
10.0-GB 7200 rpm			
Maximum Storage Capacity			
Internal	108 GB		
Tape Drives			
TR5 10/20-GB	Up to 1	1, 2	Integrated EIDE
12/24-GB DDS-3 DAT	Up to 1	1, 2	Wide Ultra2 or Ultra3 (Ultra 160) SCSI

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

System Unit

Tower Dimensions (HxWxD)	17.65 x 6.6 x 17.11 in/44.83 x 16.76 x 43.46 cm
Weight (standard configuration)	23.7 lbs/10.47 kg
Power Supply	
Operating Voltage Range	90 to 132 VAC; 180 to 264 VAC
Rated Voltage Range	100 to 127 VAC; 200 to 250 VAC
Rated Line Frequency	50 to 60 Hz
Rated Input Current	5A @ 115 VAC/3A @ 230 VAC
Maximum Rated Power	200 Watts
Temperature (Values are subject to change)	
Operating	50° to 95°F/10° to 35°C
Non-operating	-4° to 140°F/-20° to 60°C
Humidity (non-condensing) (Values are subject to change)	
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	3.15 lbs/1.59 kg
Cable Length	8 ft/2.4 m

1.44-MB Diskette Drive

Diskette Size	3.5 in
LED Indicators (front panel)	Green
Read/Write Capacity per Diskette (high/low)	1.44 MB/720 KB
Drive Height	1 in
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	2

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

Ultra3 (Ultra 160) SCSI Hard Drives

(Ultra3 or Wide Ultra2
performance depending on
controller)

36.4 GB	Capacity	18,209 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	0.8 ms
	Width	3.5 in/88.9 mm	Average	5 ms
	Interface	Ultra3 (Ultra 160) SCSI or Wide Ultra2 SCSI	Full-Stroke	13.5 ms
	Transfer Rate		Rotational Speed	10,000 rpm
	Synchronous (Maximum)	80 or 160 MB/s	Physical Configuration	
			Bytes/Sector	512
			Logical Blocks	35,566,000
			Operating Temperature 50° to 95°F/10° to 35°C	
	<hr/>			
18.2 GB	Capacity	18,209 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	0.8 ms
	Width	3.5 in/88.9 mm	Average	5 ms
	Interface	Ultra3 (Ultra 160) SCSI or Wide Ultra2 SCSI	Full-Stroke	13.5 ms
	Transfer Rate		Rotational Speed	10,000 rpm
	Synchronous (Maximum)	80 or 160 MB/s	Physical Configuration	
			Bytes/Sector	512
			Logical Blocks	35,566,000
			Operating Temperature 50° to 95°F/10° to 35°C	
	<hr/>			
9.1 GB	Capacity	9,100 MB	Seek Time (typical reads, including settling)	
	Height	1 in/25.4 mm	Single Track	0.8 ms
	Width	3.5 in/88.9 mm	Average	5 ms
	Interface	Ultra3 (Ultra 160) SCSI or Wide Ultra2 SCSI	Full-Stroke	13.5 ms
	Transfer Rate		Rotational Speed	10,000 rpm
	Synchronous (Maximum)	80 or 160 MB/s	Physical Configuration	
			Bytes/Sector	512
			Logical Blocks	17,773,500
			Operating Temperature 50° to 95°F/10° to 35°C	

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

Ultra ATA Hard Drives

20.0 GB	Capacity	20,000 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/66	Full-Stroke	15.0 ms
	Transfer Rate		Rotational Speed	7200 rpm
	Synchronous (Maximum)	66.6 MB/s	Physical Configuration	
			Bytes/Sector	512
			Logical Blocks	39,102,336
			Operating Temperature 41° to 131°F/5° to 55°C	
	<hr/>			
10.0 GB	Capacity	10,000 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/66	Full-Stroke	15.0 ms
	Transfer Rate		Rotational Speed	7200 rpm
	Synchronous (Maximum)	66.6 MB/s	Physical Configuration	
			Bytes/Sector	512
			Logical Blocks	19,541,088
			Operating Temperature 41° to 131°F/5° to 55°C	
	<hr/>			

Technical Specifications

40X CD-ROM Drive

Disk	
Applicable Disk	CD-ROM (Mode 1 and 2), CD-DA, CD-R/W, Photo CD (Single and Multi-session), Mixed Mode (Audio and Data combined), CDI Ready, CD-XA Ready
Capacity	540 MB (Mode 1, 12 cm) 650 MB (Mode 2, 12 cm)
Rotational Speed	8,750 maximum
Diameter	4.7 in, 3.15 in/12 cm, 8 cm
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 Time (typical)	
Random	< 100 ms
Full-Stroke	< 150 ms
Audio Output Level	
Line-Out	0.7 VRMS
Data Transfer Rate	
Sustained	150 KB/s (1X, using audio disc)
Variable	2,550 to 6,000 KB/s (17X to 40X with 650 MB disc)
Cache Buffer	
128 KB minimum	
Start-up Time (typical)	
< 7 s	
Stop Time (typical)	
< 4 s	
Operating Conditions	
Temperature	41° to 113°F/5° to 45°C
Humidity	10% to 80%
Dimensions (HxWxD, maximum)	
1.7 x 5.9 x 8.19 in/4.29 x 15 x 20.8 cm	
Weight	
2.65 lbs/1.2 kg	

Technical Specifications

Compaq Premier•Sound

Type	Embedded AC'97 2.1 Codec
Sound Quality	16-Bit Stereo Full-Duplex (CD Quality)
Sampling	Variable 7 kHz to 48 kHz
Audio Compression/ Decompression	ESPCM and ADPCM compression
Full Scale Input Voltage (RMS)	
Microphone Input	100 mVolts
Line Input	2.2 Volts
Full Scale Output Voltage (RMS)	
Line Output	1.4 Volts
Impedance (nominal)	
Line Output	800 ohms (typical)
Line Input	10 K ohms (typical)
Playback (PC-D-A)	
Dynamic Range	-91 dB (typical)
Total Harmonic Distortion + Noise	-69 dB (typical)
Frequency Response (-3 dB)	20 Hz to 20 kHz
Line Output Crosstalk (10 kHz)	-74 dB
Headphone Maximum Output (1 kHz)	60 mWrms into 32 ohms (THD+N < 1.0%)
Internal Power Amplifier Rating	Nominal: 1.5 Watts RMS @ 8 ohms Maximum: 5 Watts RMS @ 8 ohms
Speaker	
Frequency Response	200 Hz to 15 kHz
Equalizer	5 stages of fixed equalization
Design	High-performance, infinite baffle loudspeaker
Connectors	Line-in, line-out, microphone in, headphone out
Operating System Driver Support	Windows NT 4.0, Windows 95, Windows 98, Windows 2000

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

Intel PRO/100+
Management Adapter

Network Interface	10Base-T or 100Base-TX
Expansion Bus Architecture	PCI 2.2
Network Transfer Rate	
10Base-T (Half-Duplex)	10 Mb/s
10Base-T (Full-Duplex)	20 Mb/s
100Base-TX (Half-Duplex)	100 Mb/s
100Base-TX (Full-Duplex)	200 Mb/s
Connectors	RJ-45
Standards Compliance	
10-MB/s Ethernet	IEEE 802.3
100-Mb/s Ethernet	IEEE 802.3u
I/O Address	Auto-configured
Remote Wakeup	Yes
Temperature	
Operating	0° to 55°F/10° to 35°C
Humidity (non-condensing)	
Operating	85% at 131°F/55°C
Altitude	
Operating	10,000 ft/3,048 m
Communication Processor	Intel 82559
OS Driver Support	
Windows NT 4.0	NDIS 3.0, 4.0 Compliant
Windows 95, 98, 2000	NDIS 3.0, 4.0, 5.0 Compliant
Novell NetWare Server v. 3.x, 4.x and 5.0	ODI Compliant
SunSoft Solaris	Not supported
SCO UnixWare, OpenDesktop, OpenServer	Supported

Technical Specifications

Matrox G200 Quad
Multi-Monitor Series (MMS)
Graphics Controller

Dimensions (HxW)	4.5x8 in/11.43x20.32 cm		
Refresh Rate (per display)			
Aspect Ratio	Resolution	Vertical	Horizontal
4:3/5:4	640 x 480	60-200 Hz	31-102 kHz
	800 x 600	60-200 Hz	38-114 kHz
	1024 x 768	60-140 Hz	48-113 kHz
	1152 x 864	60-120 Hz	54-110 kHz
	1280 x 1024	60-100 Hz	64-107 kHz
	1600 x 1200	60-90 Hz	75-113 kHz
16:9/16:10	1800 x 1440	60-70 Hz	89-104 kHz
	856 x 480	60-200 Hz	30-108 kHz
	1280 x 720	60-100 Hz	44-76 kHz
	1600 x 1024	60-100 Hz	64-108 kHz
	1920 x 1080	60-80 Hz	70-94 kHz
1920 x 1200	60-76 Hz	75-95 kHz	

With DVI digital flat panel displays, the maximum display resolution is 1280 x 1024

Maximum refresh rates may not be attainable at the highest display resolutions with 24 or 32-bit color palettes

Interface	PCI
Standard Memory	32 MB SGRAM (8 MB per port)
DAC Speed	250 MHz
Data Path	128-bit Internal/64-bit External
Color Space Conversion	Yes
Scaling	Yes
Quick Draw Support	Yes
DCI & DirectX Video Playback	Yes
Direct3D Support	Yes
Engine Acceleration	3 ROP bitBLT, Line Draw, Text, Color Expansion, Basic Video Color Conversion and Scaling, Triangle Setup Engine
Output	Two output ports, which require 2 adapter cables to connect analog or digital output displays
Analog Display Support	2 RGB cables support two DB-15 analog displays per cable
DVI (Digital Visual Interface) Display Support	DVI cable option kit provides two DVI cables for connecting two DVI compliant displays per cable
Display options supported	Four analog displays via two RGB cables Four DVI displays via two DVI cables Two analog displays via one RGB cable and two DVI displays via one DVI cable
Other	PCI bus mastering, texture mapping support, flat and Gouraud shading, Anisotropic Filter, perspective texture, specular highlighting, dithering, full scene anti-aliasing, Vertex fog
OS Support	Windows NT 4.0 and Windows 2000

QUICK SPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

Compaq NVIDIA TNT2
Pro™ Graphics
Controller

Form Factor	1/2 size ATX
Bus Type	AGP
Memory Support	16MB SGRAM
RAMDAC	300MHz
Data Path	128-bit
Process	0.25u
Internal Clock	142 MHz
Memory Clock	166 MHz
Pipelines	2 (bilinear)
Fill Rate	333 M pix/sec
Triangle Rate	8 M Tri/sec
Video Overlay Filter	2x2
Color Space Conversion	Yes
Scaling	Yes
Feature Connector	VIP connector
Quick Draw Support	Yes
DCI & DirectX Video Playback	Yes
MS Direct X Support	Yes
3D Support	Yes
Engine Acceleration	Basic Video Color Conversion and Scaling Triangle Setup Engine
OS Support	Windows 95, 98, Windows 2000, Windows NT 4.0
Other	Optimized for Direct3D acceleration with support for DirectX 5.0 and 6.0 16 MB Frame Buffer - 166 MHz SGRAM 128-bit TwiN-Textel (TNT) architecture 2 texture mapped, lit pixels per clock Single pass multi-texture rendering 32-bit rendering with destination alpha 24-bit Z-buffer, 8-bit stencil buffer Anisotropic filtering (better than Tri-Linear MIP-mapping) 100% hardware triangle setup engine High performance 128-bit 2D/GUI/DirectDraw Acceleration. Transparent BLT, stretch BLT, points, lines, polylines, polygons, fills, patterns, arbitrary clipping and fast text rendering. Pipe-line optimized for multiple color depths including 8, 16, and 24 bits per pixel Video acceleration for DirectShow™, MPEG-1, MPEG-2 and Indeo® Fast 32-bit VGA/SVGA 128-bit frame buffer interface - 2.6 Gbytes/sec bandwidth Triple 8-bit 250MHz Palette DAC Bi-directional Media Port and CCIR-656 Video Capture Port (for AIB only) AGP 4X/2X system bus with full sideband support

Technical Specifications

Compaq NVIDIA TNT2
Pro Graphics Controller
(continued)

Resolutions Supported

1800 x 1440	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	65K
Refresh Rates	V(60 to 70 Hz) H(89 to 104kHz)
1920 x 1200	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	256, 65K
Refresh Rates	V(60 to 76 Hz) H(75 to 95kHz)
1920 x 1080	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	256
Refresh Rates	V(60 to 80 Hz) H(70 to 94kHz)
1600 x 1200	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	256
Refresh Rates	V(60 to 90 Hz) H(75 to 113kHz)
1280 x 1024	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	256, 65K
Refresh Rates	V(60 to 100 Hz) H(64 to 107kHz)
1152 x 864	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	256, 65K
Refresh Rates	V(60 to 120 Hz) H(54 to 110kHz)
1024 x 768	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	256, 65K, 16.7M
Refresh Rates	V(60 to 140 Hz) H(48 to 113kHz)
800 x 600	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	256, 65K, 16.7M
Refresh Rates	V(60 to 200Hz) H(38 to 114kHz)
640 x 480	
Windows Resolution & Colors	256, 65K, 16.7M
Real-Time 3D Gouraud Shading	256, 65K, 16.7M
Refresh Rates	V(60 to 200 Hz) H(31 to 102kHz)

QUICK SPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

Matrox Millennium G400 Graphics Controller

Single Display Dimensions (HxW)	3.25 x 6.75 in/8.26 x 17.15 cm		
Dual Display Dimensions (HxW)	3.25 x 6.75 in/8.26 x 17.15 cm		
Resolution (DualHead second analog output supports maximum resolution of 1280x1024x16.7 M colors at up to 75 Hz. DVI daughter board enables output at 1280x16.7M colors at 85 Hz)	256 Colors	65K Colors	16.7M Colors
640 x 480	85 Hz	85 Hz	85 Hz
800 x 600	85 Hz	85 Hz	85 Hz
1024 x 768	85 Hz	85 Hz	85 Hz
1152 x 864	85 Hz	85 Hz	85 Hz
1280 x 1024	85 Hz	85 Hz	85 Hz
1600 x 1200	85 Hz	85 Hz	85 Hz
1800 x 1440	85 Hz	85 Hz	85 Hz
1800 x 1440	85 Hz	85 Hz	85 Hz
1920 x 1080	85 Hz	85 Hz	85 Hz
1920 x 1440	75 Hz	75 Hz	75 Hz
2048 x 1536	65 Hz	65 Hz	65 Hz
2D Controller	Matrox G400		
VGA Controller	Integrated		
Bus Type/Speed	AGP 4X		
RAMDAC	Integrated		
DAC Speed	300 MHz		
Memory Type	SGRAM		
Memory Amount	16 MB		
Maximum Memory Speed	120 MHz		
Data Path	128-bit external/256-bit internal		
Controller Clock Speed	120 MHz		
Maximum Pixel Clock	360 MHz		
Video Interface			
Single Display	Analog (digital available with optional Millennium G400 DVI Daughter Board)		
Dual Display	Analog, 2 ports		
Engine Acceleration	3 ROP bitBLT, Line Draw, Text, Color Expansion, Basic Video Color Conversion and Scaling, Triangle Setup Engine		
Other	Color Space Conversion, Scaling, Quick Draw support, DCI and DirectX Video Playback, MS DirectDraw support, 3D support, PCI bus mastering, texture mapping support, flat and gouraud shading, direct 3D support, anisotropic filter, perspective texture, specular highlighting, wireframe, dithering, full scene anti-aliasing, OpenGL support, vertex fog, dual texture mapping, environment bump mapping AGP 2X/4X with sideband addressing		
Operating Systems	Windows NT 4.0, Windows 95, Windows 98, Windows 2000		

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

ELSA Synergy II Graphics
Controller

Dimensions (HxW)	3.25 x 6.25 in/8.3 x 15.9 cm		
Resolution	Maximum Colors Supported	Maximum Refresh Rate	Memory Dedicated to Texture Support
640 x 480	16.7M	120 Hz	29.1 MB
800 x 600	16.7M	120 Hz	27.1 MB
1024 x 768	16.7M	120 Hz	23.5 MB
1152 x 864	16.7M	120 Hz	21.1 MB
1280 x 1024	16.7M	120 Hz	17.9 MB
1600 x 1000	16.7M	75 Hz	14 MB
1600 x 1000	65K	85 Hz	14 MB
1600 x 1200	16.7M	75 Hz	10.2 MB
1600 x 1200	65K	85 Hz	10.2 MB
1600 x 1280	16.7M	75 Hz	8.7 MB
1600 x 1280	65K	85 Hz	8.7 MB
1920 x 1080	16.7M	75 Hz	8.4 MB
1920 x 1080	65K	85 Hz	8.4 MB
1920 x 1200	16.7M	75 Hz	5.7 MB
1920 x 1200	65K	75 Hz	5.7 MB
3D/2D Controller	Nvidia TNT 2		
VGA Controller	Integrated		
Bus Type	AGP 2X/4X		
RAMDAC	Integrated 300 MHz		
Memory Type	SDRAM		
Memory Amount	32 MB (Maximum)		
Memory Speed	143 MHz		
Controller Clock Speed	125 MHz		
Color Planes	24 bits double buffered		
Stencil Planes	8 bit		
Alpha Planes	0		
Z-buffer	24 bit		
Total bits/pixel	96		
Maximum Vertical Refresh Rate	120 Hz		
Maximum Pixel Clock	300 MHz		
Multi-display Support	No		
Operating Systems	Windows NT 4.0, Windows 95, Windows 98		

Note: All drivers and enhanced software, including *POWERdraft*, *ELSAview*, and *MAXtreme*, can be found on the Compaq web site at: www.compaq.com/support/files/workstations/us/index.html.

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

ELSA GLoria II
Graphics Controller

Dimensions (H x W)	3.25 x 6.25 in/8.3 x 15.9 cm		
Resolution	Maximum Colors Supported	Maximum Refresh Rate	Memory Dedicated to Texture Support
640 x 480	16.7M	120 Hz	60 MB
800 x 600	16.7M	120 Hz	58 MB
1024 x 768	16.7M	120 Hz	54 MB
1152 x 864	16.7M	100 Hz	52 MB
1280 x 800	16.7M	100 Hz	52 MB
1280 x 960	16.7M	100 Hz	49 MB
1280 x 1024	16.7M	100 Hz	48 MB
1600 x 1000	16.7M	100 Hz*	45 MB
1600 x 1000	16.7M	85 Hz	45 MB
1600 x 1200	16.7M	85 Hz	41 MB
1600 x 1280	16.7M	85 Hz*	40 MB
1600 x 1280	16.7M	75 Hz	40 MB
1920 x 1080	16.7M	85 Hz*	39 MB
1920 x 1080	16.7M	75 Hz	39 MB
1920 x 1200	16.7M	85 Hz*	37 MB
1920 x 1200	16.7M	75 Hz	37 MB
2048 x 1536	16.7M	75 Hz*	27 MB

*Refresh rate may function but may not officially be supported by Compaq monitors.

3D/ Controller	NVIDIA Quadro
VGA Controller	Integrated
Bus Type	AGP 2X/4X
RAMDAC	Integrated 350 MHz
Memory Type	SDRAM
Memory Amount	64 MB (unified)
Memory Speed	166 MHz
Controller Clock Speed	135 MHz
Color Planes	24-bit double buffered
Overlay Planes	8-bit double buffered
Stencil Planes	8-bit
Alpha Planes	8-bit double buffered
Z-buffer	24-bit
Total bits/pixel	112
Maximum Vertical Refresh Rate	132 Hz
Maximum Pixel Clock	350 MHz
Multi-display support	No
Stereo support	Available Spring 2000
Operating Systems	Windows NT 4.0

QUICKSPECS

Compaq Deskpro Workstation
AP250 Series

Technical Specifications

3Dlabs Oxygen GVX1
Graphics Controller
(Not all settings are
supported on all monitors.)

Dimensions (HxW)	4.25 x 9.283 in/10.795 x 23.58 cm	
Resolution	Maximum Colors Supported	Maximum Refresh Rate
640 x 480	16.7M	100 Hz
1024 x 768	16.7M	100 Hz
1152 x 864	16.7M	100 Hz
1280 x 1024	16.7M	100 Hz
1600 x 1200	16.7M	85 Hz
1920 x 1080	16.7M	85 Hz
1920 x 1200	16.7M	76 Hz
3D Controller	GLINT R3	
Geometry	GLINT Gamma G1	
Bus Type	AGP	
RAMDAC	Integrated	
Memory Type	SGRAM	
Memory Amount	32 MB (maximum)	
Memory Speed	125 MHz	
Controller Clock Speed	125 MHz	
Color Planes	24 bit double buffered	
Overlay Planes	8 bit shared with alpha	
Stencil Planes	8 bit with 24-bit Z-buffer	
Alpha Planes	8 bit shared with overlay	
Z-buffer	24 bit (32 bit with no stencil)	
Total bits/pixel	96	
Maximum Vertical Refresh Rate	120 Hz	
Maximum Pixel Clock	300 MHz	
Dual Display Support	Yes (with additional optional GVX1 PCI card)	
Operating Systems	Windows NT 4.0	
Stereographics Support	Yes	
Resolution/Refresh Rates Supported for Stereographics Functionality		
Resolution	Maximum Colors Supported	Maximum Refresh Rate
1152 x 864	16.7M	132 Hz
1280 x 800	16.7M	118 Hz
1280 x 960	16.7M	118 Hz
1280 x 1024	16.7M	118 Hz