



**HP
KAYAK
XA
PC Workstation**
with Pentium® II Processor

**Advanced-Performance
Pentium II
PC Workstation**

PC Workstations that deliver

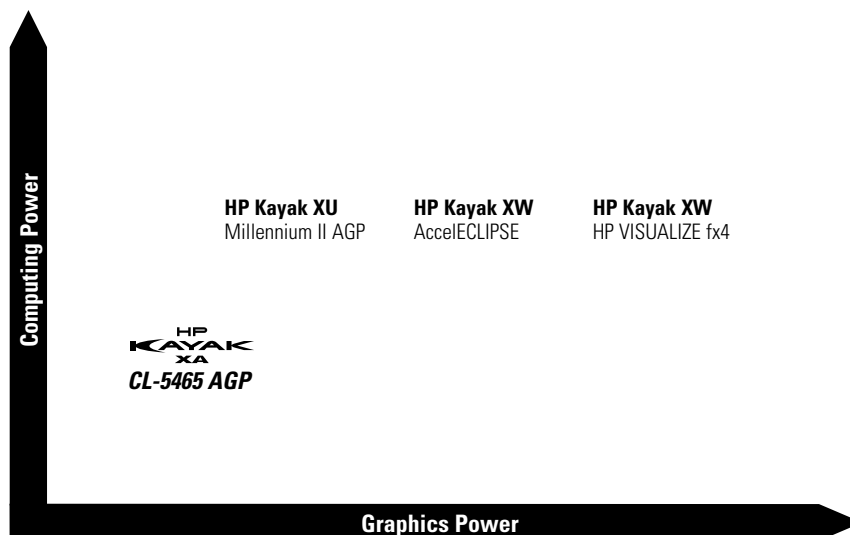
- Intel Pentium II 233MHz, 266MHz, or 300MHz processor
- Up to 64MB SDRAM, expandable to 384MB
- High-performance, 64-bit Cirrus Logic 5465 AGP graphics with 4MB of Rambus memory
- Ultra ATA/33 or wide Ultra SCSI hard disk drive
- 24X Max-speed IDE CD-ROM and full duplex 16-bit stereo audio
- HP TopTOOLS and DMI for desktop and remote manageability
- New PC health monitoring features with preventive alerting
- HP 10/100Base-T NightDIRECTOR remote power on Ethernet LAN card

Standard Features

Top performance. Hewlett-Packard's Kayak XA PC Workstations meet the performance needs of the most advanced user and deliver new levels of processing power, communications, security, and manageability. With Intel Pentium II processors and a host of advanced features, including Cirrus Logic Accelerated Graphics Port (AGP) graphics, 10/100Base-T network and Internet readiness, 16-bit full-duplex audio, high-speed hard disks, and CD-ROM drives, these PC Workstations are ready for action.

Workgroup manageability. The HP Kayak XA PC Workstations' extensive management features start with HP TopTOOLS—an easy-to-use, standards-based and DMI-enabled desktop management package for end users and network administrators that enables efficient local and remote retrieval, monitoring, and administration of PC inventory and configuration—and include security features, management hardware and software, LAN remote power, virus protection, health monitoring, and desktop management services for efficient and effective workgroup administration.

HP quality. And the HP Kayak XA PC Workstations, like all HP products, come with something else: the quality, reliability, support, and investment protection you've come to expect from Hewlett-Packard. With all this—plus affordable pricing—shouldn't you call your HP authorized reseller today to find out more about the HP Kayak XA PC Workstations?



PC System Features

Package	<ul style="list-style-type: none"> • Expandable desktop and minitower models • HP multifunction ergonomic keyboard with additional keys and HP-exclusive StartKey • HP Mouse
Processor	<ul style="list-style-type: none"> • Intel Pentium II 233MHz, 266MHz, or 300MHz processor
Cache	<ul style="list-style-type: none"> • 512KB processor-integrated secondary level
Memory	<ul style="list-style-type: none"> • 16MB, 32MB, or 64MB synchronous dynamic RAM (SDRAM) DIMM <ul style="list-style-type: none"> – Expandable to 384MB through three DIMM slots¹ • ECC memory optional
Operating system support	<ul style="list-style-type: none"> • HP-supported operating systems: Windows NT® Workstation 4.0, Windows® 95
Hard disk drive	<ul style="list-style-type: none"> • Selected models: 2.5GB or 4.3GB Ultra ATA/33 (33MB/s) • Selected models: 2.1GB or 4.5GB wide Ultra SCSI (40MB/s)
Hard disk controller	<ul style="list-style-type: none"> • Ultra ATA/33 hard drive models: Integrated PCI Bus Master Ultra ATA 33MB/s controller with PIO Mode 4 and DMA mode 2 support • Wide Ultra SCSI hard drive models: PCI Ultra SCSI controller with support for 16-bit internal and 8-bit external SCSI peripherals
Floppy disk drive	<ul style="list-style-type: none"> • Third-height, 3.5-inch, 1.44MB floppy drive preinstalled
CD device	<ul style="list-style-type: none"> • HP 24X Max-speed IDE CD-ROM
Audio subsystem	<ul style="list-style-type: none"> • Integrated Sound Blaster Pro-compatible, high-quality audio solution • Industry-leading, standards-based audio processor with compression/decompression algorithms • Built-in speaker and ergonomic volume control, headphones • Advanced, software-based, real-time audio with automatic dynamic filtering for digital audio recording and playback • MPC-3-compliant, full-duplex audio

¹ To achieve the maximum memory configuration, original DIMM modules must be replaced with 128MB DIMMS. HP recommends and supports only HP-supplied memory upgrade modules.

PC System Features

Built-in I/O	<ul style="list-style-type: none"> • One 25-pin parallel port (ECP/EPP bidirectional Centronics supporting IEEE 1284) • One 9-pin serial port (16550 UART) • Mini-DIN keyboard and mouse ports • One MIDI/joystick connector • Audio ports (line-in, line-out, microphone-in, speaker-out) • One VESA feature connector for VGA pass-through • One 15-pin VGA connector • Two stacked Universal Serial Bus (USB) connectors • One RJ-45 Ethernet connector (LAN models only)
Mass storage shelves	<ul style="list-style-type: none"> • Desktop—four shelves: <ul style="list-style-type: none"> – One front-accessible with standard, third-height, 3.5-inch floppy drive preinstalled – Two front-accessible, half-height, 5.25-inch for additional accessories – One internal, third-height with 3.5-inch hard disk drive preinstalled • Minitower—six shelves: <ul style="list-style-type: none"> – One front-accessible with standard, third-height, 3.5-inch floppy drive preinstalled – One front-accessible with standard, half-height, 5.25-inch CD-ROM drive preinstalled – Two front-accessible for tape backup or additional half-height 5.25-inch drives – Two internal, third-height, 3.5-inch for hard disk drives (one preinstalled, one available)
Total expansion slots	<ul style="list-style-type: none"> • Desktop models—five slots: Two full-length (one PCI, one PCI/ISA); three two-thirds-length (one PCI, one PCI/ISA, one ISA) • Minitower models—six slots: Five full-length (two PCI, one PCI/ISA, two ISA); one two-thirds-length PCI/ISA
Upgradability	<ul style="list-style-type: none"> • Upgradable with Pentium II 266MHz and 300MHz¹ processor upgrades • BIOS in flash EEPROM for convenient BIOS upgrades • System memory upgradable using non-ECC or ECC SDRAM DIMMs² • Graphics memory upgradable using 4MB Rambus upgrade

¹ 300MHz processor upgrades for minitower models only.

² To achieve the maximum memory configuration, original DIMM modules must be replaced with 128MB DIMMs. HP recommends and supports only HP-supplied memory upgrade modules.

Graphics Subsystem

Video graphics	<ul style="list-style-type: none"> • Cirrus Logic 5465 AGP graphics integrated on the system board <ul style="list-style-type: none"> – High-performance 64-bit AGP/66MHz graphics accelerator – 3D hardware acceleration for business 3D-graphics applications – Video playback acceleration – Integrated 230MHz palette DAC 																																										
Memory	<ul style="list-style-type: none"> • 4MB high-performance Rambus, expandable to 6MB (HP-supplied 4MB accessory D5485A) ¹ 																																										
Resolutions	<ul style="list-style-type: none"> • HP Ergonomic Modes support these non-interlaced resolutions for Windows NT and Windows 95: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Resolution</th> <th>Memory Required</th> <th>256 colors (8-bit)</th> <th>Memory Required</th> <th>65K colors (16-bit)</th> <th>Memory Required</th> <th>16.7M colors/True color (24-/32-bit)</th> </tr> </thead> <tbody> <tr> <td>640 × 480</td> <td>2MB</td> <td>60–85Hz</td> <td>2MB</td> <td>60–85Hz</td> <td>2MB</td> <td>60–85Hz</td> </tr> <tr> <td>800 × 600</td> <td>2MB</td> <td>60–85Hz</td> <td>2MB</td> <td>60–85Hz</td> <td>2MB</td> <td>60–85Hz</td> </tr> <tr> <td>1024 × 768</td> <td>2MB</td> <td>60–85Hz</td> <td>2MB</td> <td>60–85Hz</td> <td>4MB</td> <td>43i²–85Hz</td> </tr> <tr> <td>1280 × 1024</td> <td>2MB</td> <td>43i²–85Hz</td> <td>4MB</td> <td>43i²–85Hz</td> <td>4MB/6MB</td> <td>43i²–85Hz (6MB for 32-bit)</td> </tr> <tr> <td>1600 × 1200</td> <td>2MB</td> <td>43i²–85Hz</td> <td>4MB</td> <td>43i²–85Hz</td> <td>6MB</td> <td>43i²–85Hz (24-bit only)</td> </tr> </tbody> </table>	Resolution	Memory Required	256 colors (8-bit)	Memory Required	65K colors (16-bit)	Memory Required	16.7M colors/True color (24-/32-bit)	640 × 480	2MB	60–85Hz	2MB	60–85Hz	2MB	60–85Hz	800 × 600	2MB	60–85Hz	2MB	60–85Hz	2MB	60–85Hz	1024 × 768	2MB	60–85Hz	2MB	60–85Hz	4MB	43i ² –85Hz	1280 × 1024	2MB	43i ² –85Hz	4MB	43i ² –85Hz	4MB/6MB	43i ² –85Hz (6MB for 32-bit)	1600 × 1200	2MB	43i ² –85Hz	4MB	43i ² –85Hz	6MB	43i ² –85Hz (24-bit only)
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Available graphics drivers ³	<ul style="list-style-type: none"> • Windows NT Workstation 4.0, Windows 95 																																										

¹ Available December 1, 1997; replaces 2MB of original 4MB memory.

² 43i = 43Hz in interlaced mode.

³ Drivers may be preloaded on the system, provided on CD-ROM, or available from HP Kayak PC Workstation Support Web Site (www.hp.com/go/kayaksupport), HP BBS Library, CompuServe™, and America Online.

Communication Features

Ethernet LAN interface	<ul style="list-style-type: none"> • HP 10/100Base-T autosensing PCI LAN adapter with LAN Remote Power On/Off for 10Base-T and 100Base-T (LAN models) • Low CPU usage releases resources for local user tasks • LAN activity LED
Preconfigured networking	<ul style="list-style-type: none"> • Media Access Control (MAC) address visible from PC configuration summary screen
Boot ROM	<ul style="list-style-type: none"> • Integrated, multiprotocol, software-selectable boot ROM for Novell and Microsoft® networks • Socket for optional third-party TCP/IP boot ROM
Network administration guide	<ul style="list-style-type: none"> • Online information on remote booting and network setup in all supported environments
Easy driver updates	<ul style="list-style-type: none"> • Latest LAN information and drivers available from HP Kayak PC Workstation Support Web Site (www.hp.com/go/kayaksupport), HP BBS Library, CompuServe, and America Online
Network client certification ¹	<ul style="list-style-type: none"> • Certified to run as a client PC in Microsoft and Novell network operating system environments
Internet ready	<ul style="list-style-type: none"> • Microsoft Internet Explorer, Netscape Communicator, Adobe™ Acrobat Reader, Autodesk WHIP! plug-in
Available LAN drivers ²	<ul style="list-style-type: none"> • 32-bit ODI for Windows NT Workstation requester • NDIS 3.00 client (Windows NT Workstation 4.0, Windows 95) • NDIS 4.00 client (Windows NT Workstation 4.0, Windows 95)

¹ Certifications may be pending at product release.

² Drivers are either preloaded or available on CD-ROM.

Cost of Ownership

Ergonomic/ environmental design	<ul style="list-style-type: none"> • Low-noise fan control based on thermal conditions • Ergonomic video modes supporting non-interlaced resolutions up to 1600 × 1200 and high refresh rates • Large selection of MPRII- and EPA ENERGY STAR®-certified displays • CFC-free manufacturing process; single plastic for easy recycling • Supports HP Keyboard Start, Windows NT Workstation 4.0 Soft Power Down, and Windows 95 shutdown • New HP multifunction ergonomic keyboard with shortcut keys
Serviceability/ ease of setup and service	<ul style="list-style-type: none"> • Simplified service; all internal components easily accessible and replaceable: <ul style="list-style-type: none"> – Fast chassis removal; no screws – Fast removal of power supply for unobstructed access to system board; no screws – Fast slide-out of system board • BIOS stored in flash EEPROM for fast and easy upgrades • Processor upgradable (when available) • Setup program in flash ROM • Automatic detection of major components at power-on • Power-on self test (POST) displays startup errors; suggests solutions
Warranty	<ul style="list-style-type: none"> • Three-year limited warranty (1-year on-site, next-business-day; 2-year carry-in parts and labor) • Warranty upgrade to 3-year on-site service with 4-hour maximum response time available at an extra charge
Support	<ul style="list-style-type: none"> • Industry-leading technical support program: <ul style="list-style-type: none"> – One year free phone support from HP's customer support center for questions covering PC setup and configuration, operating system and installation and configuration, and hardware diagnosis¹ – Product and technical support information via HP FIRST (fax retrieval system), the HP Kayak PC Workstation Support Web Site (www.hp.com/go/kayaksupport), and HP's free electronic bulletin board available 24 hours a day, 7 days a week
Preloaded software	<ul style="list-style-type: none"> • Windows 95 or Windows NT Workstation 4.0, HP TopTOOLS, Microsoft Internet Explorer, Netscape Communicator, McAfee WebScan and VirusScan, Adobe Acrobat Reader, AutoDesk WHIP! plug-in

¹ Not available in all countries.

PC Management Features¹

Desktop Management Interface (DMI)

- DMI 2.0—the industry's most comprehensive DMI implementation
- Allows access to 350+ PC attributes, providing detailed information on HP Kayak PC Workstation and its components
- Full implementation of DMI PC System Groups
- Instrumented DMI BIOS
- Implementation of DMI monitor and LAN interface card groups
- HP Kayak PC Workstation PC DMI extensions permit advanced management of inventory, configuration, passwords/password control, hardware security, power management, and health monitoring

HP TopTOOLS

- Integrated, easy-to-use desktop management application for efficient inventory, configuration, fault, and security management
- Fully DMI compliant
- Real-time local and remote monitoring and management of 350+ HP Kayak PC Workstation attributes
- Integrated into HP OpenView professional suite and HP OpenView Network Node Manager for Windows NT for real-time remote management of DMI-compliant PCs
- Network-wide administration, troubleshooting, and help desk support from central console
- End-user and network administrator alerting for potential errors and problems
- Local and remote editing of DMI "SET" attributes
- **AssetTOOLS**—efficient inventory and asset management of more than 100 PC attributes
 - Complete inventory data for system, processor, hard drive, monitor, and network interface card, such as manufacturer, model, and serial number
 - Asset tag for system
 - System, video, and flash memory
 - Number of memory slots used
 - Shows number of installed disk drives and ports
 - Tracks and edits user name, phone number, and PC location
 - PC serial number stored in non-volatile memory
 - Stores and edits customized asset label ("tattoo") of up to 80 characters
 - Explore PC retrieves information from any DMI-compliant PC in an easy-to-understand, explorer-style format
- **ConfigTOOLS**—efficient configuration management and troubleshooting of more than 100 PC attributes
 - Comprehensive retrieval of configuration, such as BIOS manufacturer and version, operating system, system cache, logical memory, and hard disk characteristics
 - Remotely lock/unlock PC keyboard, mouse, reset, and power-on/-off buttons simultaneously to prevent user interruption during update tasks
 - Enable/disable PC booting from remote server or floppy drive for remote configuration
 - Remote reboot capability to activate new configuration
- **FlashTOOL**—allows administrator to remotely upgrade BIOS on multiple PCs simultaneously
 - Safe and secure in case of network problems
 - Prevents "flashing" wrong BIOS version to a PC
 - Also works locally for single PC
- **SafeTOOLS**—System health monitoring with preventive DMI alerting of end user and PC administrator, increasing end-user and MIS productivity
 - Features monitoring chips and internal I2C bus to monitor critical operating conditions
 - Monitoring of system temperature in motherboard area
 - PC will automatically shut down to prevent permanent damage if no corrective actions are taken after notification
 - Fan control based on thermal conditions to reduce noise level
 - ECC memory notification of recovered errors, recovered but reoccurred errors, and non-recoverable errors (with optional ECC memory added)
 - Power-on-self-test (POST) error reporting

¹ On some models, HP TopTOOLS, DMI Software, and the HP Microsoft SMS MIF generators are not preloaded but are available from HP Kayak PC Workstation Support Web Site (www.hp.com/go/kayaksupport), HP BBS Library, CompuServe, and America Online.

PC Management Features

HP TopTOOLS¹ <i>(continued)</i>	<p>ProtectTOOLS—unauthorized PC access prevention, consistent security schema implementation</p> <ul style="list-style-type: none"> • Local and remote monitoring and configuration of HP Kayak PC Workstation advanced security features • Remote security feature monitoring/configuration/administrator password changes on multiple PCs simultaneously • Remote control of keyboard, mouse, reset, and power on/off buttons • Remote recovery from “I forgot my password” problem • View multiple-level password status and history • Chassis intrusion detection with end-user and PC administrator notification <p>DiagTOOLS—PC Workstation—designed and –dedicated hardware diagnostic application, enabling faster problem identification</p> <ul style="list-style-type: none"> • Two-level hardware diagnostics: <ul style="list-style-type: none"> – Fast system integrity test – Thorough test modules for hardware subsystem troubleshooting • Easy-to-use, fast access to test modules • HP TopTOOLS integration: <ul style="list-style-type: none"> – Allows creation of bootable floppy disk to perform diagnostics – Remote updates of DiagTOOLS eliminate local installation • Monthly updates with new modules available from HP Kayak PC Workstation Support Web site (www.hp.com/go/kayaksupport)
Advanced security	<ul style="list-style-type: none"> • Configuration settings and passwords stored in non-erasable, serial EEPROM to protect against corruption and unauthorized modifications • Two-level password protection with maximum password length extended to 32 characters (meets C2-level security requirements) • Administrator password required to change configuration and security settings • Ability to limit password validity time and number of log-in retries • Password-protected I/O port and floppy and hard drive enable/disable options • Front-panel button immediately locks keyboard, mouse, reset, and on/off buttons • Hard disk drive access control • Parallel and serial port usage control • Chassis keylock and security bracket
HP NightDIRECTOR	<ul style="list-style-type: none"> • Using LAN Remote Power technology, allows PCs to be remotely woken up from sleep and power-off modes for system administration during off-hours to minimize business disruption • Allows PC to be powered off or shut down after completion of management tasks
Management hardware	<ul style="list-style-type: none"> • Network-ready PCs with integrated Ethernet LAN, preconfigured networking, and preloaded LAN drivers to minimize installation time • Integrated, multi-protocol boot ROM for Novell and Microsoft networks • Preconfigured DHCP/TFTP for easy remote configuration • ROM socket for optional third-party TCP/IP boot ROM and virus protection firmware • Flash EEPROM for convenient BIOS upgrades • Surge-protected power supplies
Support software	<p>Easy access to latest versions of drivers, BIOS, utilities, software patches, troubleshooting information, manuals, and technical documentation</p> <ul style="list-style-type: none"> • HP Support Assistant CD-ROM subscription service • Free HP Kayak PC Workstation Support Web Site access • Free HP BBS Library access • Internet FTP • HP Forum on CompuServe • HP TopTOOLS, DMI software, and HP Microsoft SMS MIF generators available through above services

¹ On some models, HP TopTOOLS, DMI Software, and the HP Microsoft SMS MIF generators are not preloaded but are available from HP Kayak PC Workstation Support Web Site (www.hp.com/go/kayaksupport), HP BBS Library, CompuServe, and America Online.

PC Management Features

HP OpenView ¹	<p>Complete, remote administration of all manageable HP Kayak PC Workstation attributes with HP OpenView professional suite or OpenView Network Node Manager for Windows NT</p> <ul style="list-style-type: none"> • Common network management platform for all network devices • DMI and SNMP industry-standards-based management • Support for TCP/IP and IPX protocols • Consistent alarm management and paging • Alarm forwarding to HP OpenView for UNIX® • HP NightDIRECTOR integrated into HP OpenView professional suite to remotely power on/off HP Kayak PC Workstations • Allows administrator to remotely: <ul style="list-style-type: none"> – Auto-discover, lay out, and manage all DMI-compliant networked PCs – Retrieve and manage all DMI-supported PC attributes using HP TopTOOLS – Query multiple PCs, management groups, and attributes to create accurate inventory tables – Export data to spreadsheet programs and word processors – Repeatedly get and display data automatically
LAN management application support	<ul style="list-style-type: none"> • Remote management by leading LAN management applications such as Asset Software International (ASI) AssetPRO, Intel LANdesk Management Suite, Intel LANdesk Configuration Manager, McAfee Saber LAN Workstation, Microsoft Systems Management Server, Norton Administrator for Networks, HP OpenView, HP AssetView, IBM TME10 NetFinity, and IBM TME10 Inventory
Rollout desktop management services ¹	<ul style="list-style-type: none"> • HP's Computing Services and Support offers maximum flexibility for companies that want to supplement internal resources with external expertise while maintaining control of MIS. HP offers comprehensive support for the efficient rollout of desktop management in client/server environments, providing: <ul style="list-style-type: none"> – Systems management—management and operations outsourcing services for distributed client/server environments – Network management—flexible, secure network management and administration for networked environments – Enterprise desktop management services—integrated solutions for the entire desktop environment life cycle, including planning, acquisition, deployment, operational support, and technology refresh services – Business recovery—flexible services to keep businesses operating in case of a disaster – Technology financing—flexible plans to help put the latest technology to work without the expense or risk of owning it – Technology refresh—programs to help you find flexible ways to avoid getting locked into dated technology – Consulting—IT consulting, education, and systems integration support from HP Professional Services

¹ HP OpenView professional suite and Network Node Manager for Windows NT are not delivered with HP Kayak PC Workstations.

Optional Accessories

Memory upgrades	<ul style="list-style-type: none"> • Available DIMMs (384MB maximum SDRAM): <ul style="list-style-type: none"> – 16MB SDRAM non-ECC DIMM (D5361A) – 32MB SDRAM non-ECC DIMM (D5362A) – 64MB SDRAM non-ECC DIMM (D5363A) – 32MB SDRAM ECC DIMM (D5365A)¹ – 64MB SDRAM ECC DIMM (D5366A)¹ – 128MB SDRAM ECC DIMM (D5367A)¹
Data storage	<ul style="list-style-type: none"> • Mounting devices: <ul style="list-style-type: none"> – Set of five 5.25-inch DAT/CD-ROM mounting rails for non-HP devices (D2880A) • Supported hard disk drives: <ul style="list-style-type: none"> – 1.6GB 5400rpm Ultra ATA/33 (D2679A) – 2.5GB 5400rpm Ultra ATA/33 (D2678A) – 4.3GB 5400rpm Ultra ATA/33 (D2677A) – 4.5GB 7200rpm wide Ultra SCSI (D5368A)
Video upgrades	<ul style="list-style-type: none"> • 4MB Rambus upgrade (D5485A)²
Video monitors	<ul style="list-style-type: none"> • Full range of standard and ergonomic HP video monitors
LAN accessories	<ul style="list-style-type: none"> • HP 10/100Base-T NightDIRECTOR/100 Ethernet card (bulk pack of 10) (D3999A)
Processor upgrades	<ul style="list-style-type: none"> • Pentium II 266MHz (D5483A) • Pentium II 300MHz (D5484A)³
Setup and user guides	<ul style="list-style-type: none"> • HP XA Pentium II Desktop PC Workstation User Manual (D4790A) • HP XA Pentium II Minitower PC Workstation User Manual (D4800A)
Archiving/backup devices	<ul style="list-style-type: none"> • High-capacity floppy disk drive: <ul style="list-style-type: none"> – HP 100MB Iomega ZIP drive (D4390A) • Read/Write CD drive: <ul style="list-style-type: none"> – HP SureStore CD-RW drive (C4353A)² • Internal tape drives: <ul style="list-style-type: none"> – HP Colorado T3000 3.2GB Travan tape drive (C4341B) – HP SureStore Tape 2000i, 2GB DAT drive (C1525G) – HP SureStore Tape 5000i, 4GB DAT drive (C1526G) – HP SureStore DAT 8i, 8GB DAT drive (C1528G) – HP SureStore DAT 24i, 24GB DAT drive (C1555A)
Input devices	<ul style="list-style-type: none"> • HP Windows 95 Keyboard (C4725A) • HP Mouse with mini-DIN interface (D3751B) • HP SmartCard Keyboard (C4737A)²
Multimedia	<ul style="list-style-type: none"> • HP 24X Max-speed IDE CD-ROM drive (D4383A)

¹ All non-ECC DIMMs must be removed in order to enable ECC capabilities on added ECC DIMM memory.

² Available December 1, 1997.

³ For minitower models only.

Configurations and Models¹

Name/Processor	RAM	Cache	Hard Disk ²	Hard Disk Speed	CD Device	Audio	Graphics	Video RAM	LAN Interface	Operating System ³	Product Number ⁴
Desktop models											
Pentium II 233MHz	16MB	512KB	2.5GB ATA	5400rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	—	W95	D4792A
	32MB	512KB	2.5GB ATA	5400rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	—	WNT WS 4.0 ⁶	D4795N
Pentium II 266MHz	32MB	512KB	2.5GB ATA	5400rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	10/100Base-T	WNT WS 4.0 ⁶	D4807N
	32MB	512KB	4.3GB ATA	5400rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	10/100Base-T	WNT WS 4.0 ⁶	D4796N
Pentium II 266MHz	32MB	512KB	2.1GB SCSI	7200rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	10/100Base-T	WNT WS 4.0 ⁶	D4798N
	32MB	512KB	4.5GB ATA	5400rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	10/100Base-T	WNT WS 4.0 ⁶	D4806N
Pentium II 266MHz	32MB	512KB	4.5GB SCSI	7200rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	10/100Base-T	WNT WS 4.0 ⁶	D4808N
	32MB	512KB	4.5GB SCSI	7200rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	10/100Base-T	WNT WS 4.0 ⁶	D4799N
Pentium II 300MHz	64MB	512KB	4.3GB ATA	5400rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	10/100Base-T	WNT WS 4.0 ⁶	D4801N
	64MB	512KB	4.5GB SCSI	7200rpm	24X Max	Yes	CL-5465 ⁵ AGP	4MB Rambus	10/100Base-T	WNT WS 4.0 ⁶	D4803N

¹ Model availability may vary from country to country. Please check with your reseller for details.

² ATA = Ultra ATA/33. SCSI = wide Ultra SCSI.

³ W95 = Windows 95. WNT WS = Windows NT Workstation.

⁴ Language option must be specified; for example, "ABA" for U.S. English.

⁵ CL = Cirrus Logic.

⁶ Crossgrade coupon to Windows 95 is provided on this model (valid through December 31, 1998).

Specifications

Physical Characteristics

Desktop Models

System Dimensions (without keyboard):
17.1 inches wide × 17.6 inches deep ×
5.2 inches high (43.5 cm × 44.6 cm ×
13.2 cm)

System Weight (without keyboard):
26.3 lb (12 kg)

Minitower Models

System Dimensions (without keyboard):
7.6 inches wide × 17.3 inches deep ×
17.2 inches high (19.2 cm × 44 cm ×
43.8 cm)

System Weight (without keyboard):
33 lb (15 kg)

Keyboard

Dimensions: 19.0 inches wide × 7.4
inches deep × 2.0 inches flat (2.9
inches standing) (47.5 cm × 18.5 cm ×
5.0 cm [7.3 cm])

Acoustic Emission

- Sound level (LwA): ≤42 dBA

Environmental Conditions

- Operating temperature: 40° to 104° F
(5° to 40° C)
- Nonoperating temperature: -40° to
158° F (-40° to 70° C)
- Operating humidity: 15% to 80% RH
(noncondensing) at 104° F (40° C)
- Operating altitude: 10,000 ft (3,100 m)
- Nonoperating altitude: 40,000 ft
(12,200 m)

Note: Operating temperature and humidity
range may vary with data storage device.

Input Voltage

- Auto-ranging, worldwide power
supply: 100 to 240 VAC over 47 Hz to
63 Hz

Power Availability

- Desktop models—120 W continuous;
120 W maximum peak output
- Minitower models—150 W continuous;
150 W maximum peak output

Regulatory Compliance and Approvals

Electromagnetic Compatibility

- FCC Part 15 Subpart J Class B (USA)
- CRC c1374 Class B (Canada)
- European EMC directive 89/336EEC
amended by Directive 93/68/EEC
- IEC 801.2, IEC 801.3, IEC 801.4,
IEC 555-2, IEC 1000-3-3
- GB 9254-88 (China)
- VCCI Class B (Japan)
- RRL Class B (Korea)
- AS/NZS3548 (Australia/New Zealand)
- BCIQ (Taiwan)
- CISPR 22:1985 (International)
- SABS (South Africa)

Safety Approvals

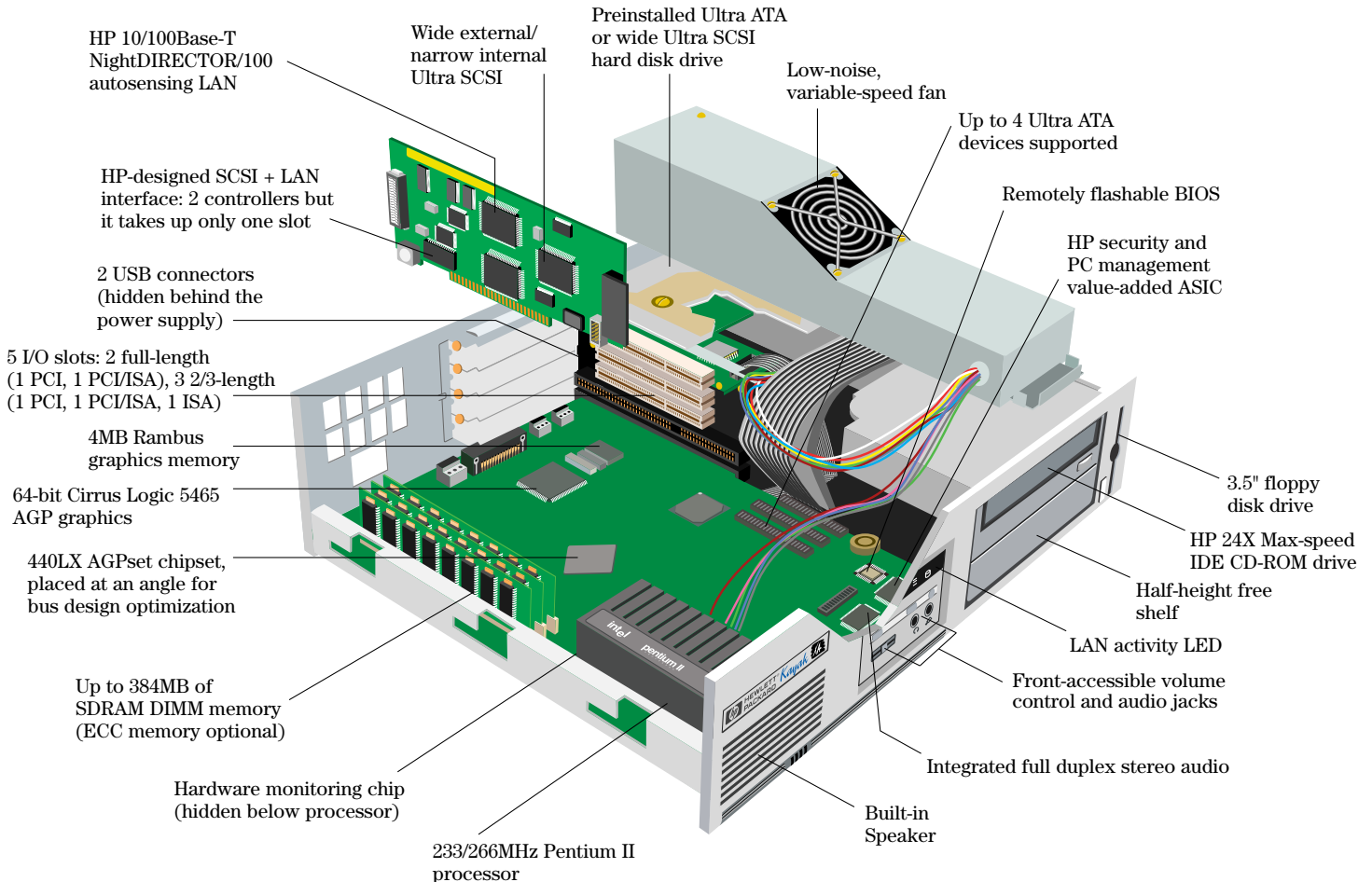
- CSA C22.2 No. 950-M89 (Canada)
- UL 1950 listed (USA)
- NOM-019-SCFI-1993 (Mexico)
- SASO (Saudi Arabia)
- BS6301 (General Approval) (UK)
- IEC 950: 1991 + A1 + A2 + A3 + A4
- 73/23/EEC Low Voltage Directive
amended by Directive 93/68/EEC
- EN 60950: 1992 + A1 + A2 + A3
(European Countries)
- TÜV (Germany)
- SAS (Singapore)
- GB 4943 (China)
- European Eastern Countries
compliance (Russia, Hungary, Czech
Republic, Poland, Slovenia)

Ergonomics

- ZH1/618 (Germany)

with Pentium II processor

Desktop SCSI/LAN model*



*Minitower SCSI/LAN, desktop Ultra ATA, and minitower Ultra ATA models are also available. See Configurations and Models table on page 11 for the full range of available features.

All certifications may not be completed at product introduction. Please check with your HP reseller for certification status.

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