

Compaq AlphaStation

XP900/DS10, XP1000,
DS20E and ES40

Faster processor speeds for flexible workstations add value and reliability

New upgrades to the Compaq *AlphaStation*™ DS and ES lines add even more performance and reliability. The next-generation Compaq *Alpha*™ 21264 processors provide faster CPU speeds and price/performance leadership to accommodate the unprecedented growth of Internet and e-commerce-related applications.

The new, faster *AlphaStation* systems expand the family of high-performance, multi-processing computing. Customers gain the competitive advantage of *Alpha* 64-bit performance for the most compute-intensive applications. Powerful *Alpha* 21264A processors and robust remote management capabilities provide maximum power and manageability at an affordable price. From the entry-level *AlphaStation* XP900/DS10 systems, offering big system capacity at a small system price, to the most powerful workstation, the four-processor *AlphaStation* ES40 system, Compaq offers the best values for engineering and High-Performance Technical Computing (HPTC) solutions. The *AlphaStation* ES40 system can handle hundreds of billions of arithmetic operations per second, making it one of the world's most powerful computers.

AlphaStation systems power demanding computing environments, performing mission-critical applications superbly with uncompromising reliability.

COMPAQ



AlphaStation DS20E

→ What's New

AlphaStation DS10 System

- 600 MHz *Alpha* 21264 64-bit processor
- 1.3 GBps memory bandwidth
- Desktop or rack-mount configurations
- Up to 108 GB internal storage

AlphaStation XP1000 System

- 500 MHz *Alpha* 21264 or 667 MHz *Alpha* 21264A processor
- 2.6 GBps memory bandwidth
- Minitower design optimized for floor or rack-mount configurations
- Up to 72 GB internal storage

AlphaStation DS20E System

- 500 MHz *Alpha* 21264 or 667 MHz *Alpha* 21264A 64-bit processor with 8 MB cache
- 5.2 GBps memory bandwidth
- Pedestal or rack-mount configurations
- Up to 72.8 GB internal storage

AlphaStation ES40 System

- 1 to 4 x 667 MHz *Alpha* 21264A processor(s) with 8 MB cache;
- 5.2 GBps memory crossbar switch architecture
- Up to 32 GB ECC memory

→ The Compaq Advantage

- Compaq CustomSystems designs, builds and delivers complex, customer-specified solutions
- Protected by Compaq Services, including a 3-year Limited Warranty¹
- Flexible leasing and financing alternatives enable businesses to adapt to changing business conditions

Compaq AlphaStation



Features	AlphaStation XP900/AlphaStation DS10 Systems	AlphaStation XP1000 System
Processor	<ul style="list-style-type: none"> → AlphaStation XP900 system: 1 x 466 MHz Alpha 21264 processor → AlphaStation DS10 system: 1 x 600 MHz Alpha 21264A processor 	<ul style="list-style-type: none"> → 1 x 500 MHz Alpha 21264 processor → 1 x 667 MHz Alpha 21264A processor
Cache Memory	→ 2 MB L2 cache	→ 4 MB L2 cache
Upgradability	→ Supports upgrade of memory and hard drives; standard: 1 CPU	→ System upgradable from 500 to 667 MHz processor
Memory	<ul style="list-style-type: none"> → Standard: 256 or 512 MB or 1 GB (1 memory kit) → Maximum: 2 GB (2 memory kits), ECC protected, 100 MHz SDRAM DIMM memory 	<ul style="list-style-type: none"> → Optional: 128, 256 or 512 MB or 1 GB → Maximum: 2 GB
Network Controller	→ Onboard dual 10/100 Base-T Ethernet ports	→ Onboard 10/100 Fast Ethernet Adapter
Expansion	<ul style="list-style-type: none"> → Storage bays: 5 → PCI slots: 4 	<ul style="list-style-type: none"> → 5 total slots on 2 buses: <ul style="list-style-type: none"> -64-bit PCI: 2 -32-bit PCI: 2 -32-bit PCI/ISA: 1
Storage	<ul style="list-style-type: none"> → Diskette drive—1.44 MB → CD-ROM—5.25" half height CD-ROM drive → Internal hard drives—10 and 30 GB IDE disk drives or 9.1, 18.2 or 36.4 GB UltraSCSI disk drives available → Maximum internal storage—109 GB 	<ul style="list-style-type: none"> → Diskette drive—1.44 MB → CD-ROM—600 MB 32X ATAPI CD-ROM drive → Internal hard drives—choice of 4.3, 9.1, 18.2 or 36.4 GB → Maximum internal storage—145.6 GB
Expansion Ports	→ 1 parallel, 2 serial, mouse, keyboard and 2 USB (future support)	→ 1 parallel, 2 serial, mouse, keyboard, microphone, 1 headphone/audio-out, 1 audio-in
Form Factor	→ 3U* rack-mount or desktop	→ Minitower design for floor or shelf-mount kit
Manageability	→ Compaq Insight Manager™	→ Compaq ServerWORKS Manager
Power Supply	→ 1 x 300 watt power supply	→ 1 x 400 watt power supply
OS Support	<ul style="list-style-type: none"> → Compaq Tru64™ UNIX® AlphaStation models include the Tru64 UNIX base 2-user license and Compaq Open3D™ license → Compaq OpenVMS™ AlphaStation models include OpenVMS base license, concurrent-use 1-user license and Open3D license → Minimum OS support: Tru64 UNIX v4.0F, OpenVMS v7.1-2 	<ul style="list-style-type: none"> → Microsoft® Windows NT® systems include v4.0, base license and Service Pack 3 or higher → Tru64 UNIX systems include v4.0F minimum with Tru64 UNIX base license, 2-user UNIX license and Open3D license → OpenVMS systems include v7.2-1 with OpenVMS Systems Value License Package with OpenVMS Alpha base license, OpenVMS 1-user license and NAS Client 150 → Linux®-ready systems (no OS installed)
Service and Support	→ Protected by Compaq Services, including a 3-year on-site hardware Warranty with 9x5, 24-hour response time¹	→ Compaq Services provides a wide range of service offerings including a 3-year Limited Warranty fully supported by a worldwide network of resellers and service providers; lifetime toll-free 24x7 hardware technical phone support¹

*1U=1.75"



Features	AlphaStation DS20E System	AlphaStation ES40 System
Processor	<ul style="list-style-type: none"> → 1 to 2 x 500 MHz <i>Alpha</i> 21264 processor(s) → 1 x 667 MHz <i>Alpha</i> 21264A processor 	<ul style="list-style-type: none"> → 1 to 4 x 667 MHz <i>Alpha</i> 21264A processor(s)
Cache Memory	<ul style="list-style-type: none"> → 4 MB L2 writeback cache per 500 MHz processor → 8 MB L2 dual data rate cache per 667 MHz processor 	<ul style="list-style-type: none"> → Each processor has 64 KB I-cache, 64 KB D-cache on-chip and 8 MB per processor, L2 dual data rate cache per processor
Upgradability	<ul style="list-style-type: none"> → System upgradable to dual processing → System upgradable from 500 MHz <i>Alpha</i> 21264 to <i>Alpha</i> 21264A 667 MHz processor 	<ul style="list-style-type: none"> → System upgradable to quad processing → System upgradable from 500 MHz <i>Alpha</i> 21264 to 667 MHz <i>Alpha</i> 21264A processor
Memory	<ul style="list-style-type: none"> → Standard: 256 or 512 MB or 1 GB of ECC SDRAM → Maximum: 4 GB 	<ul style="list-style-type: none"> → Minimum 512 MB ECC, 5-way interleaved industry-standard DIMM memory, expandable to 16 GB in Model 1 (includes 16 DIMM sockets) and 32 GB in Model 2 (32 DIMM sockets)
Network Controller	<ul style="list-style-type: none"> → Choice of Ethernet controllers 	<ul style="list-style-type: none"> → 10/100 Fast Ethernet, Gigabit Ethernet, FDDI, asynchronous communication
Expansion	<ul style="list-style-type: none"> → 6 I/O total: <ul style="list-style-type: none"> - PCI: 5 - Shared PCI/ISA: 1 	<ul style="list-style-type: none"> → Model 1: 6 x 64-bit PCI slots → Model 2: 10 x 64-bit PCI slots
Storage	<ul style="list-style-type: none"> → Diskette drive—1.44 MB → CD-ROM—24X Max² IDE CD-ROM drive → Internal hard drives—choice of 9.1, 18.2 or 36.4 GB → Maximum internal storage—218 GB 	<ul style="list-style-type: none"> → Diskette drive—1.44 MB → CD-ROM—24X Max² IDE CD-ROM drive → Internal hard drives—choice of 9.1 or 18.2 GB → 8 hot plug drive bays
Expansion Ports	<ul style="list-style-type: none"> → 1 parallel, 2 serial, mouse, keyboard, 6 SCSI knockouts and 2 USB (future support) 	<ul style="list-style-type: none"> → 1 parallel, 2 serial, mouse, keyboard, 2 USB (future support) and Remote Server Management port
Form Factor	<ul style="list-style-type: none"> → 5U rack-mount or pedestal 	<ul style="list-style-type: none"> → Tower, pedestal or rack-mountable enclosures
Manageability	<ul style="list-style-type: none"> → <i>Compaq Insight Manager</i> → Hot plug redundant power supply support; hot plug fan support 	<ul style="list-style-type: none"> → Server management software standard with all <i>AlphaStation</i> ES40 system models → Internet-energized software packaged with <i>Tru64</i> UNIX and <i>OpenVMS</i> systems
Power Supply	<ul style="list-style-type: none"> → 2 x 375 watt hot plug power supplies standard; 3rd N+1 optional 	<ul style="list-style-type: none"> → Up to 3 hot-swap 750 watt N+1 power supplies: 1 standard, 2 optional
OS Support	<ul style="list-style-type: none"> → <i>Tru64</i> UNIX <i>AlphaStation</i> models include a base 2-user and <i>Open3D</i> license → <i>OpenVMS</i> <i>AlphaStation</i> models include an <i>OpenVMS</i> base license, concurrent-use 1-user license and <i>Open3D</i> license → Minimum OS support: <i>Tru64</i> UNIX v4.0F, <i>OpenVMS</i> v7.1-2 	<ul style="list-style-type: none"> → <i>Tru64</i> UNIX v4.0F, <i>OpenVMS</i> v7.2-1 and Linux
Service and Support	<ul style="list-style-type: none"> → Protected by Compaq Services, including a 3-year on-site hardware Warranty with 9x5, 24-hour response time¹ 	<ul style="list-style-type: none"> → 3-year on-site hardware Warranty with 24-hour response¹ → Service options for up to 24x7 coverage with 4-hour response time are available, along with a complete portfolio of worldwide service offerings¹

Compaq AlphaStation

Models

<p>AlphaStation XP900 System CTO Packaged Systems <i>Tru64 UNIX</i></p> <ul style="list-style-type: none"> → 6/466 MHz SN-DB10W-A3 <p><i>OpenVMS</i></p> <ul style="list-style-type: none"> → 6/466 MHz SN-DB10W-A4 <p>Linux-Ready</p> <ul style="list-style-type: none"> → 6/466 MHz SN-DB10W-A1 <p>AlphaStation DS10 System Package Systems <i>Tru64 UNIX</i></p> <ul style="list-style-type: none"> → 600 MHz 256 MB DA-73BAA-DW → 600 MHz 512 MB DA-73BAA-EW → 600 MHz 1 GB DA-73BAA-FW <p><i>OpenVMS</i></p> <ul style="list-style-type: none"> → 600 MHz 256 MB DY-73BAA-DW → 600 MHz 512 MB DY-73BAA-EW → 600 MHz 1 GB DY-73BAA-FW <p>Linux-Ready</p> <ul style="list-style-type: none"> → 600 MHz 256 MB DJ-73BAA-DW → 600 MHz 512 MB DJ-73BAA-EW → 600 MHz 1 GB DJ-73BAA-FW 	<p>AlphaStation XP1000 System CTO System Kernels <i>Tru64 UNIX</i></p> <ul style="list-style-type: none"> → 500 MHz SN-E2F6W-32 → 667 MHz SN-E2G6W-32 <p><i>OpenVMS</i></p> <ul style="list-style-type: none"> → 500 MHz SN-E2F6W-A4 → 667 MHz SN-E2G6W-A4 <p>Linux-Ready</p> <ul style="list-style-type: none"> → 500 MHz SN-E2F6W-L2 → 667 MHz SN-E2G6W-L2 <p>Packaged Systems <i>Tru64 UNIX</i></p> <ul style="list-style-type: none"> → 500 MHz 128 MB, 4.3 GB ELSA GLoria Synergy™ SN-E2F6Q-AA → 500 MHz 256 MB, 9.1 GB PS300 SN-E2F6Q-AB → 500 MHz 256 MB, 9.1 GB PS350 SN-E2F6Q-AC → 667 MHz 256 MB, 9.1 GB ELSA GLoria Synergy SN-E2G6Q-AA → 667 MHz 256 MB, 9.1 GB PS300 SN-E2G6Q-AB → 667 MHz 256 MB, 9.1 GB PS350 SN-E2G6Q-AC 	<p><i>OpenVMS</i></p> <ul style="list-style-type: none"> → 500 MHz 128 MB, 9.1 GB ELSA GLoria Synergy SN-E2F6Q-VD → 667 MHz 128 MB, 9.1 GB ELSA GLoria Synergy SN-E2G6Q-VD <p>Linux-Ready</p> <ul style="list-style-type: none"> → 500 MHz 256 MB, 9.16 GB NoGfy SN-E2F6Q-VL → 667 MHz 256 MB, 9.16 GB NoGfy SN-E2G6Q-VL <p>AlphaStation DS20E System CTO System Kernels <i>Tru64 UNIX</i></p> <ul style="list-style-type: none"> → 6/500 MHz 256 MB DA-56NRB-DW → 6/500 MHz 512 MB DA-56NRB-EW → 6/500 MHz 1 GB DA-56NRB-FW → 67/667 MHz 256 MB DA-56PAA-DW → 67/667 MHz 512 MB DA-56PAA-EW → 67/667 MHz 1 GB DA-56PAA-FW <p><i>OpenVMS</i></p> <ul style="list-style-type: none"> → 6/500 MHz 256 MB DY-56NRB-DW → 6/500 MHz 512 MB DY-56NRB-EW → 6/500 MHz 1 GB DY-56NRB-FW → 67/667 MHz 256 MB DY-56PAA-DW 	<ul style="list-style-type: none"> → 67/667 MHz 512 MB DY-56PAA-EW → 67/667 MHz 1 GB DY-56PAA-FW <p>Linux-Ready</p> <ul style="list-style-type: none"> → 6/500 MHz 256 MB DJ-56NRA-DW → 6/500 MHz 512 MB DJ-56NRA-EW → 6/500 MHz 1 GB DJ-56NRB-FW → 67/667 MHz 256 MB DJ-56PAA-DW → 67/667 MHz 512 MB DJ-56PAA-EW → 67/667 MHz 1 GB DJ-56PAA-FW <p>AlphaStation ES40 System Packaged Systems Model 1</p> <ul style="list-style-type: none"> → <i>Tru64 UNIX</i>—67/667 MHz 8 MB cache 512 MB DA-62BAA-BW → <i>OpenVMS</i>—667 MHz 8 MB cache 512 MB DY-62BAA-BW → Linux-Ready—67/667 MHz 8 MB cache 512 MB DJ-62BAA-BW <p>Model 2</p> <ul style="list-style-type: none"> → <i>Tru64 UNIX</i>—667 MHz 8 MB cache 512 MB DA-64BAA-CW → <i>OpenVMS</i>—667 MHz 8 MB cache 512 MB DY-64BAA-CW → Linux-Ready—667 MHz 8 MB cache 512 MB DJ-64BAA-CW
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Options

	AlphaStation XP900/DS10	AlphaStation XP1000	AlphaStation DS20E	AlphaStation ES40
<p>Memory 128 MB Option Kit 256 MB Option Kit 512 MB Option Kit 1,024 MB Option Kit 2,048 MB Option Kit 4,096 MB Option Kit</p>	<ul style="list-style-type: none"> → 3X-MS310-BA (2 x 64) → 3X-MS310-CA (2 x 128) → 3X-MS310-DA (2 x 256) → 3X-MS310-EA (2 x 512) → — → — 	<ul style="list-style-type: none"> → SN-MSP01-KA (4 x 32) → SN-MSP01-KB (4 x 64) → SN-MSP01-KC (4 x 128) → SN-MSP01-KD (4 x 256) → — → — 	<ul style="list-style-type: none"> → — → MS340-CA (4 x 64) → MS340-DA (4 x 128) → MS340-EA (4 x 256) → — → — 	<ul style="list-style-type: none"> → — → — → MS610-CA (4 x 128) → MS610-DA (4 x 256) → MS610-EA (4 x 512) → MS610-FA (4 x 1,024)
<p>Graphics ELSA GLoria Synergy Compaq PowerStorm™ 4D51T PowerStorm 300 PowerStorm 350</p>	<ul style="list-style-type: none"> → SN-PBXGK-BB → — → SN-PBXGD-AD → SN-PBXGD-AE 	<ul style="list-style-type: none"> → SN-PBXGK-BB → SN-PBXGI-AD → SN-PBXGD-AD → SN-PBXGD-AE 	<ul style="list-style-type: none"> → SN-PBXGK-BB → SN-PBXGI-AD → SN-PBXGD-AD → SN-PBXGD-AE 	<ul style="list-style-type: none"> → SN-PBXGK-BB → SN-PBXGI-AD → SN-PBXGD-AD → SN-PBXGD-AE
<p>Internal Hard Disks Hard Disk 4-Slot Cage (1.6")</p> <p>Hard Disk 6-Slot Cage (1.0") 9.1 UWSCSI2 7,200 rpm 18.2 UWSCSI2 7,200 rpm 9.1 UWSCSI3 10K rpm 18.2 UWSCSI3 10K rpm 36.4 UWSCSI3 10K rpm 9 UWSCSI3 15K rpm 18 UWSCSI3 15K rpm</p>	<ul style="list-style-type: none"> → — → — → SN-PBXRW-SC → SN-PBXRW-TB → SN-PBXRW-VB → SN-PBXRW-WC → SN-PBXRW-XB → — → — 	<ul style="list-style-type: none"> → — → — → SN-PBXRW-SC → SN-PBXRW-TB → SN-PBXRW-VB → SN-PBXRW-WC → SN-PBXRW-XB → — → — 	<ul style="list-style-type: none"> → 3X-BA611-4D → BA610-6D → 3R-A0525-AA → 3R-A0527-AA → 3R-A0584-AA → 3R-A0585-AA → 3R-A0919-AA → — → — 	<ul style="list-style-type: none"> → BA610-4D (includes SCSI) → BA610-6D → 3R-A0525-AA → 3R-A0527-AA → 3R-A0584-AA → 3R-A0585-AA → 3R-A0919-AA → 3R-A1542-AA → 3R-A1543-AA
<p>Disk and Tape Controllers Internal Support PCI 1-Port WUSCSI2 LVD PCI 1-Port WUSCSI2 PCI 1-Port WUSCI2 Diff</p>	<ul style="list-style-type: none"> → SN-KZPCA-AA → SN-KZPBA-CA → SN-KZPBA-CB 	<ul style="list-style-type: none"> → SN-KZPCA-AA → SN-KZPBA-CA → SN-KZPBA-CB 	<ul style="list-style-type: none"> → 3X-KZPCA-AA → — → — 	<ul style="list-style-type: none"> → — → — → —

Options (continued)

	AlphaStation XP900/DS10	AlphaStation XP1000	AlphaStation DS20E	AlphaStation ES40
External Support				
PCI 1-Port WUSCSI2 LVD	→ SN-KZPCA-AA	→ SN-KZPCA-AA	→ 3X-KZPCA-AA	→ 3X-KZPCA-AA
PCI 1-Port RAID—4 MB	→ KZPAC-AA	→ SN-KZPAC-AA	→ KZPAC-AA	→ KZPAC-AA
PCI 3-Port RAID—4 MB	→ KZPAC-CA	→ SN-KZPAC-CA	→ KZPAC-CA	→ KZPAC-CA
PCI 3-Port RAID—8 MB	→ KZPAC-CB	→ SN-KZPAC-CB	→ KZPAC-CB	→ KZPAC-CB
PCI 2-Port USCSI and 10/100 Ethernet	→ KZPCM-DA	→ —	→ KZPCM-DA	→ KZPCM-DA
PCI 1-Port USCSI and 10/100 Ethernet and 2D Graphics	→ 3X-DEPVZ-AA	→ —	→ —	→ —
PCI 1-Port WUSCSI2	→ KZPBA-CA	SN-KZPBA-CA	→ KZPBA-CA	→ —
PCI 1-Port WUSCSI2 Diff	→ KZPBA-CB	SN-KZPBA-CB	→ KZPBA-CB	→ KZPBA-CB
PCI 3-Port RAID Array 2000	→ DS-KZPCC-CC	→ —	→ —	→ —
PCI Fibre Channel Adapter	→ DS-KGPSA-CA	→ —	→ —	→ DS-KGPSA-CA
Monitors and Panels				
15" 1,024 x 768 Color	→ 3R-VRQV5-24/11	→ —	→ 3R-VRQV5-24/11	→ 3R-VRQV5-24/11
17" 1,280 x 1,024 Color P700	→ 3R-VRQP7-24/23	→ 3R-VRQP7-24/23	→ 3R-VRQP7-24/23	→ 3R-VRQP7-24/23
19" 1,280 x 1,024 Color P900	→ —	→ 3R-VRQP9-24/23	→ 3R-VRQP9-24/23	→ 3R-VRQP9-24/23
21" 1,600 x 1,200 Color P1100	→ 3R-VRQP1-24/23	→ 3R-VRQP1-24/23	→ 3R-VRQP1-24/23	→ 3R-VRQP1-24/23
18" 1,280 x 1,024 TFT 8000	→ 3R-A0852-AA	→ 3R-A0852-AA	→ —	→ —
Communications				
PCI P2 Video/Ethernet Adapter	→ 3X-DEPVD-AA	→ —	→ 3X-DEPVD-AA	→ —
XP1 MAU 10-Base5 AUI/Thick	→ —	→ SN-PCXAN-DE	→ —	→ —
XP1 MAU 10-Base2 Thinwire	→ —	→ SN-PCXAN-DF	→ —	→ —
PCI 1-Port 10/100 UTP Ethernet	→ 3X-DE600-AA	→ 3X-DE600-AA	→ 3X-DE600-AA	→ 3X-DE600-AA
PCI 2-Port 10/100 UTP Ethernet	→ 3X-DE602-AA	→ 3X-DE602-AA	→ 3X-DE602-AA	→ 3X-DE602-AA
1-Port 100 MMF Add-On for 3X-DE602-AA	→ 3X-DE602-FA	→ 3X-DE602-FA	→ 3X-DE602-FA	→ 3X-DE602-FA
PCI 4-Port 10/100 UTP Ethernet	→ DE504-BA	→ —	→ DE504-BA	→ DE504-BA
PCI MMF Gigabit Ethernet	→ DEGPA-SA	→ DEGPA-SA	→ DEGPA-SA	→ DEGPA-SA
PCI Token Ring	→ —	→ SN-PBXNP-AC	→ —	→ —
PCI FDDI DAS TP-PMD	→ 3X-DEFPA-MC	→ 3X-DEFPA-MC	→ 3X-DEFPA-MC	→ 3X-DEFPA-MC
PCI FDDI DAS SAS TP-PMD	→ 3X-DEFPA-UC	→ 3X-DEFPA-UC	→ 3X-DEFPA-UC	→ 3X-DEFPA-UC
PCI FDDI DAS SAS MMF SC	→ 3X-DEFPA-AC	→ 3X-DEFPA-AC	→ 3X-DEFPA-AC	→ 3X-DEFPA-AC
PCI FDDI DAS DAS MMF SC	→ 3X-DEFPA-DC	→ 3X-DEFPA-DC	→ 3X-DEFPA-DC	→ 3X-DEFPA-DC
PCI 4-Port Asynchronous	→ PBXDA-AA	→ PBXDA-AA	→ PBXDA-AA	→ PBXDA-AA
PCI 8-Port Asynchronous	→ PBXDA-AB	→ PBXDA-AB	→ PBXDA-AB	→ PBXDA-AB
PCI 16-Port Asynchronous	→ PBXDA-AC	→ PBXDA-AC	→ PBXDA-AC	→ PBXDA-AC
PCI 2-Port Synchronous	→ PBXDP-AA	→ PBXDP-AA	→ PBXDP-AA	→ PBXDP-AA
PCI 4-Port Synchronous	→ PBXDP-AB	→ PBXDP-AB	→ PBXDP-AB	→ PBXDP-AB
PCI 8-Port Synchronous	→ SN-PBXDP-AC	→ SN-PBXDP-AC	→ SN-PBXDP-AC	→ —
PCI ATM 155 MB Fibre	→ 3X-DAPBA-FA	→ 3X-DAPBA-FA	→ 3X-DAPBA-FA	→ 3X-DAPBA-FA
PCI ATM 155 MB UTP	→ 3X-DAPBA-UA	→ 3X-DAPBA-UA	→ 3X-DAPBA-UA	→ 3X-DAPBA-UA
PCI ATM 622 MB Fibre	→ 3X-DAPCA-FA	→ —	→ 3X-DAPCA-FA	→ 3X-DAPCA-FA
Tape Drives				
Internal				
4/8 GB 4mm DAT Tape	→ —	→ SN-TLZ09-LK	→ —	→ —
12/24 GB 4mm DAT Tape	→ TLZ10-LB	→ SN-TLZ10-LK	→ TLZ10-LB	→ TLZ10-LB
20/40 GB DAT Tape	→ 3X-SD20X-LB	→ 3X-SD20X-AA	→ 3X-SD20X-LB	→ 3X-SD20X-LB
35/70 GB DAT Tape	→ 3X-SZ35X-LB	→ SN-PBXTA-AA	→ 3X-SZ35X-LB	→ 3X-SZ35X-LB
50/100 GB 8mm AIT Tape	→ 3X-SZ50X-LB	→ 3X-SZ50X-AA	→ 3X-SZ50X-LB	→ 3X-SZ50X-LB
100 MB ATAPI Zip® Drive	→ —	→ SN-PBXRX-CA	→ —	→ —
External—Tabletop				
10/24 GB 4mm DAT Tabletop	→ DS-TLZ10-DB	→ —	→ DS-TLZ10-DB	→ DS-TLZ10-DB
20/40 GB SCSI Tabletop DLT4000E	→ TZ88N-TA	→ —	→ —	→ —
35/70 GB DLT Tabletop	→ —	→ —	→ DS-TZ89N-TA	→ DS-TZ89N-TA
32/64 GB DAT Tabletop	→ TLZ9L-DB	→ —	→ —	→ —
5,7,10,14 GB 8mm Tabletop	→ TLZ9F-TA	→ —	→ —	→ —
32/64 GB DAT Loader In Carrier	→ TLZ9L-VA	→ —	→ —	→ —
12/24 GB 8mm Mag AutoL (EXT)	→ 110946-001 (-B31WW)	→ —	→ 110946-001 (-B31WW)	→ 110946-001 (-B31WW)
20/40 GB 8mm DAT AutoL (EXT)	→ 166505-001 (-B31WW)	→ —	→ 166505-001 (-B31WW)	→ 166505-001 (-B31WW)
20/40 GB DAT Drive (EXT)	→ 157770-001 (-B31WW)	→ —	→ 157770-001 (-B31WW)	→ 157770-001 (-B31WW)
35/70 GB AIT Tabletop (EXT)	→ 388507-001 (-B31WW)	→ —	→ 388507-001 (-B31WW)	→ 388507-001 (-B31WW)
Keyboards				
OpenVMS Keyboards	→ LK461-	→ LK461-	→ LK461-	→ LK461-
Tru64 UNIX and Linux Keyboards	→ SN-LKQ47-	→ SN-LKQ47-	→ SN-LKQ47-	→ SN-LKQ47-
Miscellaneous				
Pedestal Kit	→ —	→ —	→ 3X-BA56P-PB	→ BA61P-PA (120 V) → BA61P-PB (240 V)
Tower Kit	→ —	→ —	→ —	→ BA61T-MT
Rack-Mount Kit	→ —	→ —	→ 3X-BA56P-RC	→ BA61R-RM
Redundant Power Supply	→ —	→ —	→ FR-H7910-AA	→ H7906-A9
XP1000 6x/32x ATAPI DVD-ROM	→ —	→ SN-PBXRV-AA	→ —	→ —

IMPORTANT NOTE:

Listing of these options on a particular platform does not imply that it is supported by all operating systems. Check the latest Compaq Quickspec document for specific applicability.

Compaq AlphaStation



AlphaStation XP900/ AlphaStation DS10

This versatile, low-cost workstation offers big-system capacity at a small-system price—uses 1 x 466 MHz *Alpha* 21264 or 1 x 600 MHz *Alpha* 21264A processor, embedded dual ethernet and IDE disk controllers, 4 PCI slots and up to 2 GB of memory to provide value to service providers in Internet and telecommunications industries.



AlphaStation XP1000

Ideal for high-performance technical computing applications, this workstation supports high-performance 3D graphics, has a very large L2 cache and incredible memory bandwidth. These features, combined with the powerful *Alpha* 21264A processor, result in unparalleled performance and operating system flexibility.



AlphaStation DS20E

Delivers supercomputing power in a low-cost, dual-processor sleek package. Combines the unbeatable power of 667 MHz *Alpha* 21264A or 500 MHz *Alpha* 21264 processors with exceptional reliability and scalability—to create the ideal solution for customers with data intensive, multi-threaded applications used in high-end design, large model assembly and data analysis.



AlphaStation ES40

Mainframe-size performance and dependability at a midrange server-size price—with the speed and power to handle crucial resource-intensive Internet, business and database applications.

Compaq Delivers Solutions for Business

Compaq Financial Services

Customized leasing and financial asset management services:

- TradeIn 2000 for quick, easy and economical trade-up to new Compaq systems. For more information visit www.compaq.com/solutions/tradein
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