



# Compaq AlphaStation XP900 Alpha 21264 Processor

## Product Profile

Features of *Compaq AlphaStation XP900 Workstation* at a glance

- **Designed to support 64-bit industry standards: PCI, RAID, Fast Ethernet**
- **1.2GB/s peak bandwidth**
- **Up to two available PCI I/O expansion slots, with a complete suite of high-performance PCI adapters for SCSI, network adapters and RAID**
- **Embedded dual 10/100Base-T Ethernet saves slots**
- **2D and 3D graphics**
- **Multimedia/audio support**



The Compaq AlphaStation XP900 continues Compaq's commitment to its OpenVMS™ customers by offering a powerful platform at an affordable price. The Compaq AlphaStation XP900 delivers high performance in a robust system for developing and deploying 64-bit OpenVMS applications.

The AlphaStation XP900 is the first high performance Alpha-Powered 21264 workstation supporting Compaq's OpenVMS operating environment. It represents a brand new line of Compaq workstations developed specifically to support Compaq's ongoing commitment to OpenVMS customers. With plenty of headroom, this exciting line will grow with your needs to incorporate the latest Alpha technology, faster bus speeds, larger cache, and more memory.

# Compaq AlphaStation XP900 WORKSTATION

## Key Features

- Alpha 21264 466MHz 64-bit processor with 2MB L2 cache
- Optimized to run OpenVMS (TRU64 UNIX, Linux and Windows NT support planned mid 1999)
- 128-bit wide, 1.2GB/s peak bandwidth
- Up to 2GB ECC-protected 100MHz SDRAM DIMM memory
- Up to two available PCI expansion slots
- Up to 20GB internal IDE storage (2x10GB)
- Up to 27GB internal SCSI Storage (3x9GB) with optional SCSI adapter
- Dual embedded 10/100Base-T ports
- CD-ROM standard, plus room for three hard disk drives, or two hard disk drives and one tape drive
- 2D/3D graphics support
- Multi-head graphics support
- Multimedia services and audio support
- Remote console management

## Benefits at a Glance

- Better and faster memory access with 1.2GB/s memory bandwidth (peak)
- Outstanding performance ratings: SPECint of 25e and SPECfp of 40e
- Flexible ordering — tailor the system to suit your unique needs

## The Compaq Advantage

- Advanced high-bandwidth upgrade path for even more performance and reliability: single and dual channel Ultra Wide SCSI2 controllers, external RAID subsystems, and 10/100 Fast Ethernet controller
- Industry-leading OpenVMS Cluster capability
- Support current Open VMS applications
- Superior price/performance built on five years of proven 64-bit technology
- High availability you can rely on

## Compaq Capital Leasing

Compaq offers flexible leasing and financing alternatives, through Compaq Capital, for businesses of all sizes. We can customize financing solutions that enable customers to cost effectively acquire the technology and services needed to adapt to changing business conditions.



# Compaq AlphaStation XP900 WORKSTATION

## Key Options

### Memory

64MB (2x32MB DIMMs) Kit	3X-MS310-AA
128MB (2x64MB DIMMs) Kit	3X-MS310-BA
256MB (2x128MB DIMMs) Kit	3X-MS310-CA
512MB (2x256MB DIMMs) Kit	3X-MS310-DA
1GB (2x512MB DIMMs) Kit	3X-MS310-EA

### Drive Controllers

PCI-based 1-port USCSI SE Controller	KZPBA-CA
PCI-based 1-port USCSI	KZPBA-CB
Differential Controller	
PCI-based 1-port USCSI RAID	KZPAC-AA
PCI-based 3-port USCSI RAID	KZPAC-CA

### Internal Hard Drives

Ultra IDE or SCSI with optional SCSI Adapter

### Internal Tape Drives

Internal 12/24 GB 5.25" DAT SCSI	TLZ10-LK
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### Communications Options

10/100 Mbit Ethernet, PCI, 1 port, twisted pair	DE500-BA
10/100 Mbit Ethernet, PCI, 1 port, MMF FDDI Adapter, SAS, MMF	DE500-FA
FDDI Adapter, DAS, MMF	DEFPA-AB
FDDI Adapter, DAS, MMF	DEFPA-DB
Synch Controller, PCI 2/4 port	PBXDP-AA/AB
Asynch Controller, PCI, 4/8/16 port	PBXDA-AA/AB/AC

### Graphics Adapters

PowerStorm 3D30, 8 plane	SN-PBXGB-AA
ELSA GLoria Synergy	SN-PBXGK-BB

# Competitive Comparison Chart\*

	Compaq AlphaStation XP900	Sun Ultra 10	Hewlett-Packard B1801	Hewlett-Packard C200
<b>Processor</b>	Alpha 21264 466MHz	Ultra SPARC III 360 MHz	PA-7300 LC	PA-8200
<b># of Processors</b>	1	1	1	1
<b>Cache</b>	2 MB	2 MB	1 MB	1.5 MB
<b>Memory</b>	128 MB-2 GB	1 GB Max	768 MB Max	1.5 GB Max
<b>Expansion Slots</b>	4 slots: 3 64-bit PCI, 1 32-bit PCI	4 slots; 32 bit PCI	2 slots; 32 bit PCI	4 slots; 2 64 bit and 2 32 bit PCI
<b>Media Bays</b>	2	1	2	2
<b>Drive Bays/Max Int.</b>	3/27GB Max	2/36GB Max	2/13GB Max	2/13GB Max
<b>Graphics</b>	PowerStorm 3D30, 4D20	Elite 3D m3	Visualize fx4	Visualize fx6
<b>Audio</b>	Ensoniq PCI Audio	—	Integrated CD quality	Integrated CD quality
<b>Open VMS</b>	Yes	No	No	No
<b>Memory bandwidth (peak)</b>	1.2 GB/sec	333 MB/sec	—	—
<b>SPECint95</b>	25e	15	11	14
<b>SPECfp95</b>	40e	19	18	21
<b>Standard Warranty</b>	3 years, on-site	—	—	—

\*Competitive information is based on manufacturer data available at the time of publication.

## For more information

Toll Free Phone: 1-800-344-4825

Web Site: [www.compaq.com/openvms](http://www.compaq.com/openvms)

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