Compaq AlphaStation XP1000/667
V1.1—16 August 1999
Systems and Options Catalog

Product Description

Compaq AlphaStation XP1000/667 is available from qualified, Compaq Workstation Sales Specialists and through distribution partners and can be ordered as either a 2-5-2 or as a 6-3 part number. A list of eligible partners is available through the local Compaq Sales Office.

Compaq AlphaStations XP1000/667 are available as:

- **System Building Blocks(SBB)/Configure to order(CTO) models**—designed for "a la carte" ordering and distributor integration. System Building Blocks contain a 667 MHz system kernel, 4 MB 222 MHz external cache memory, and either, operating system- less (LINUX ready), or factory installed Windows NT or Tru64 UNIX operating system. System Building Blocks require a minimum of 128 MB memory, one hard disk drive and a country kit. Selection of a graphics adapter is mandatory for Windows NT SBB. All system building blocks require the selection of a country specific keyboard for full system operation.
- **Packaged Systems/Build to order (BTO) models**—designed as complete systems for shipment to end-users. Packaged Systems contain a 667 MHz system kernel, 4 MB 222 MHz external cache, a minimum of 128 MB memory, a minimum 9.1 SCSI disk drive, single channel wide ultra-2 SCSI (LVD) adapter, graphics adapter, country kit (for all but European packages) and factory installed Windows NT or Tru64 UNIX operating system. All packaged systems include a country kit and country specific keyboard except European packages. Selection of a country kit is mandatory for European systems. Additional options will ship separate and will not be factory integrated into packaged systems.

Compaq AlphaStation XP1000/667 supports five I/O expansion slots on two buses: two 64-bit PCI, two 32-bit PCI, and one PCI/ISA 32-bit combination slot. System provides six internal storage device bays, including a floppy diskette, a CD-ROM, two additional 5.25-inch removable media devices, and two hard disk drive bays. Onboard options include an UltraSCSI adapter, a 16-bit Soundblaster ™ audio compatible, and 10/100 Ethernet (Twisted pair) network interface. A maximum of 2 GB of memory is supported in the system enclosure.

Compaq AlphaStation XP1000/667 comes standard with a three-year limited hardware warranty. Year one features on-site service with second day response; years two and three are return to Compaq service, parts only. This warranty represents one of the most comprehensive in the industry.

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Step 1—Compaq AlphaStation XP1000/667

Compaq AlphaStation XP1000/667 includes

Tower enclosure with

- Alpha 21264A (EV67) 667 MHz CPU with 64 KB data cache, 64 KB instruction cache and 4 MB (222 MHz) external cache
- Five Expansion slots on two buses
  Two 64-bit PCI
  Two 32-bit PCI
- One PCI/ISA 32-bit combination slot
- Two memory option banks
  Four DIMM slots per bank
  Maximum of 2 GB
- Six Storage bays
  One diskette drive bay
  One CD-ROM drive bay
  One 3.5-inch x 1.6-inch and one 3.5-inch x 1.0-inch removable media bays
  Two 3.5-inch x 1.0-inch hard disk drive bays
- 400 W power supply
- Onboard UltraSCSI adapter. PCI-based single-channel wide Ultra-2 SCSI (LVD) adapter optional **(included in all packaged systems)**
- Onboard 16-bit Soundblaster™ compatible audio
- Onboard 10/100 Ethernet (Twisted pair) (ThinWire and Thick wire optional)
- Integrated I/O comprising parallel port, two serial ports, two USB ports(available from NT only) , audio in, audio out, headphone, microphone, mouse and keyboard ports.
- 1.44 MB diskette drive
- 600 MB 32X CD-ROM drive
- LINUX-ready (no operating system installed) or
- Factory Installed Software : **either**
- Windows NT 4.0 includes: Windows NT base license, with Service Pack 3 (or higher) **or**
- Tru64 UNIX V4.0F (minimum) includes: Tru64 UNIX base license, two-user UNIX license, and COMPAQ'S Open3D license.

Step 1a—System Building Blocks – CTO Models

- **Manadatory** components required for SBBs:
- Minimum of 128 MB memory
- One hard disk drive
- Country Kit
- Selection of a graphics adapter is **mandatory** for Windows NT SBBs.
- Selection of a graphics adapter is optional for LINUX-ready and Tru64 UNIX SBBs.
- All system building blocks require a country specific keyboard. Selection of a keyboard is not mandatory but is essential for full system operation.
- Additional components in Steps 3 through 11 are optional and will be factory integrated when ordered with a system building block.

667 MHz CTO/System Building Blocks—No OS (LINUX-ready)

Order Number	Memory / Cache	Graphics	Hard Disk Drive	Country Kit
SN-E2G6W-L2 143863-B21	Mandatory/4MB	Optional	Mandatory	Mandatory

667 MHz CTO/System Building Blocks—CIP only

Order Number	Memory / Cache	Graphics	Hard Disk Drive	Country Kit
SN-E2G6W-CA 129118-B21	Mandatory/4MB	Optional	Mandatory	Mandatory

667 MHz CTO/System Building Blocks—Windows NT 4.0

Order Number	Memory / Cache	Graphics	Hard Disk Drive	Country Kit
SN-E2G6W-V2 143863-B21	Mandatory / 4 MB	Mandatory	Mandatory	Mandatory

667 MHz CTO/System Building Blocks—Tru64 UNIX

Order Number	Memory / Cache	Graphics	Hard Disk Drive	Country Kit
SN-E2G6W-32 143862-B21	Mandatory / 4 MB	Optional	Mandatory	Mandatory

Step 1b—Packaged Systems – BTO models

- All packaged systems include a country kit and country specific keyboard except European packages
- Selection of country Kit from step 2 is mandatory for European packages.
- Single-channel wide Ultra-2 SCSI (LVD) adapter (SN-KZPCA-CB) installed (one PCI-slot) in all packaged systems.
- **Additional options will not be factory integrated into packaged systems and will ship as spares**.

667 MHz BTO/Packaged Systems—Windows NT 4.0

Order Number		Memory / Cache	Graphics	10K RPM Hard Disk	US Country Kit
SN-E2G6Q-VH	**127346-001**	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Included
SN-E2G6Q-VI	**127346-002**	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Included
SN-E2G6Q-VJ	**127346-003**	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI disk	Included
Order Number		**Memory / Cache**	**Graphics**	**10K RPM Hard Disk**	**European Country Kit**
SN-E2G6Q-EH	**127346-021**	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Mandatory
SN-E2G6Q-EI	**127346-022**	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Mandatory
SN-E2G6Q-EJ	**127346-023**	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI disk	Mandatory

Order Number		Memory / Cache	Graphics	10K RPM Hard Disk	Japan Country Kit
SN-E2G6Q-JH	**127346-291**	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Included
SN-E2G6Q-JI	**127346-292**	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Included
SN-E2G6Q-JJ	**127346-293**	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI disk	Included

Order Number		Memory / Cache	Graphics	10K RPM Hard Disk	Japan/English Country Kit
SN-E2G6Q-HH	**127346-391**	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Included
SN-E2G6Q-HI	**127346-392**	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Included
SN-E2G6Q-HJ	**127346-393**	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI disk	Included

Order Number		Memory / Cache	Graphics	10K RPM Hard Disk	Chinese Country Kit
SN-E2G6Q-CH	**127346-371**	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Included
SN-E2G6Q-CI	**127346-372**	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Included
SN-E2G6Q-CJ	**127346-373**	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI Disk	Included

667 MHz BTO/Packaged Systems—Tru64 UNIX

Order Number		Memory / Cache	Graphics	10K RPM Hard Disk	US Country Kit
SN-E2G6Q-AA	**127346-004**	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Included
SN-E2G6Q-AB	**127346-005**	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Included
SN-E2G6Q-AC	**127346-006**	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI Disk	Included

Order Number		Memory / Cache	Graphics	10K RPM Hard Disk	European Country Kit
SN-E2G6Q-EA	**127346-024**	256 MB / 4 MB	ELSA GLoria Synergy	9.1GB SCSI disk	Mandatory
SN-E2G6Q-EB	**127346-025**	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Mandatory
SN-E2G6Q-EC	**127346-026**	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI Disk	Mandatory
Order Number		**Memory / Cache**	**Graphics**	**10K RPM Hard Disk**	**Japan Country Kit**
SN-E2G6Q-JA	**127346-294**	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Included
SN-E2G6Q-JB	**127346-295**	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Included
SN-E2G6Q-JC	**127346-296**	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI Disk	Included

Step 1b—Packaged Systems – BTO models (continued)

667 MHz BTO/Packaged Systems—Tru64 UNIX(continued)

Order Number	Memory / Cache	Graphics	10K RPM Hard Disk	Japan/English Country Kit
SN-E2G6Q-HA 127346-394	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Included
SN-E2G6Q-HB 127346-395	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Included
SN-E2G6Q-HC 127346-396	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI disk	Included

Order Number	Memory / Cache	Graphics	10K RPM Hard Disk	Chinese Country Kit
SN-E2G6Q-CA 127346-374	256 MB / 4 MB	ELSA GLoria Synergy	9.1 GB SCSI disk	Included
SN-E2G6Q-CB 127346-375	256 MB / 4 MB	PowerStorm 300	9.1 GB SCSI disk	Included
SN-E2G6Q-CC 127346-376	256 MB / 4 MB	PowerStorm 350	9.1 GB SCSI Disk	Included

667 MHz BTO/Packaged Systems –No OS (LINUX-ready)

Order Number	Memory / Cache	Graphics	10K RPM Hard Disk	Country Kit
SN-E2G6Q-VL 127346-007	256 MB / 4 MB	none	9.1 GB SCSI disk	US included
SN-E2G6Q-EL 127346-027	256 MB / 4 MB	None	9.1 GB SCSI disk	European mandatory
SN-E2G6Q-JL 127346-297	256 MB / 4 MB	None	9.1 GB SCSI Disk	Japanese included
SN-E2G6Q-HL 127346-397	256 MB / 4 MB	None	9.1 GB SCSI disk	Japanese English included
SN-E2G6Q-CL 127346-377	256 MB / 4 MB	None	9.1 GB SCSI disk	Chinese included

Step 2—Country Kit

- LINUX-ready or Tru64 UNIX universal country kits include two country-specific power cords, user documentation, and mouse. Tru64 UNIX license is included with system building blocks and packaged systems.
- Windows NT country kits include two country-specific power cords, user documentation, mouse, operating system license, media and documentation.
- The following Factory Installed Software (FIS) languages are the only languages delivered.
- English, Japanese, French, Italian, German, Spanish and Dutch.
- Additional Windows NT languages may be purchased directly from Microsoft.
- Country kit is required for system to be operational.
- Only one country kit is allowed per system.
- Bulk system orders must include country kits equal to the total number of systems ordered.

Americas				
United States, Canada, Taiwan, Philippines, Thailand, Japan	**SN-PBB0P-AA 388123-001**	English	**SN-PBB0U-AA 388176-001**	English
Canada	**SN-PBB0P-AC 388123-121**	French	**SN-PBB0U-AC 388176-121**	French
Europe				
Denmark	**SN-PBB0P-AD 388123-081**	Danish	**SN-PBB0U-AD 388176-081**	English
Finland	**SN-PBB0P-AF 388123-351**	Finish	**SN-PBB0U-AF 388176-351**	English
Norway	**SN-PBB0P-AN 388123-091**	Norwegian	**SN-PBB0U-AN 388176-091**	English
Sweden	**SN-PBB0P-AM 388123-101**	Swedish	**SN-PBB0U-AM 388176-101**	English

Step 2—Country Kit (continued)

Country Supported	Windows NT 4.0 Country Kits	Windows NT 4.0 Media Language	LINUX-ready or Tru64 UNIX 4.0F Country Kits	FIS and Documentation Language Supported

Europe *(continued)*				
Germany	**SN-PBB0P-AG 388123-041**	German	**SN-PBB0U-AG 388176-041**	German
Netherlands	**SN-PBB0P-AH 388123-331**	Dutch	**SN-PBB0U-AH 388176-331**	Dutch
Italy	**SN-PBB0P-AI 388123-061**	Italian	**SN-PBB0U-AI 388176-061**	Italian
Switzerland/French	**SN-PBB0P-AK 388123-301**	French	**SN-PBB0U-AK 388176-301**	French
Switzerland/Germany	**SN-PBB0P-AL 388123-311**	German	**SN-PBB0U-AL 388176-311**	German
Switzerland/Italian	**SN-PBB0P-AW 388123-321**	Italian	**SN-PBB0U-AW 388176-321**	Italian
Switzerland/English	**SN-PBB0P-CH 388123-111**	English	**SN-PBB0U-CH 388176-111**	English
France, Belgium	**SN-PBB0P-AP 388123-051**	French	**SN-PBB0U-AP 388176-051**	French
Spain	**SN-PBB0P-AS 388123-071**	Spanish	**SN-PBB0U-AS 388176-071**	Spanish
United Kingdom	**SN-PBB0P-AE 388123-031**	English	**SN-PBB0U-AE 388176-031**	English
General European	**SN-PBB0P-EC 388123-021**	English	**SN-PBB0U-EC 388176-021**	English
Asia Pacific				
Japan	**SN-PBB0P-AJ 388123-291**	Japanese	**SN-PBB0U-AJ 388176-291**	Japanese
Japan	**SN-PBB0P-CC 388123-391**	English	**SN-PBB0U-CC 388176-391**	English
Chinese/General Asia	**SN-PBB0P-CA 388123-371**	English	**SN-PBB0U-CA 388176-371**	English
Chinese	**SN-PBB0P-CV 388123-AA1**	Simplified Chinese	**SN-PBB0U-CV 388176-AA1**	Simplified Chinese
Australia/New Zealand	**SN-PBB0P-CN 388123-011**	English	**SN-PBB0U-CN 388176-011**	English

Step 3—Keyboards

- System building blocks and packaged systems do not include a country specific keyboard. Selection of a keyboard is not mandatory but is essential for full system operation.
- Keyboards listed below are colored to match CPU and monitor. Keyboards purchased through distribution channels may not be the correct color match.

Windows NT Keyboard	LINUX-ready or Tru64 UNIX Keyboard	Country
Americas		
SN-LKQ97-AA 166515-006	**SN-LKQ47-AA 296435-006**	US/English
SN-LKQ97-AC 166515-126	**SN-LKQ47-AC 296435-126**	Canada/French
SN-LKQ97-AR 166515-166	**SN-LKQ47-AR 296435-166**	Latin-American/Spanish
SN-LKQ97-AU —	— —	Brazil
Europe		
SN-LKQ97-AB 166515-186	**SN-LKQ47-AB 296435-186**	Belgian
SN-LKQ97-AD 166515-086	**SN-LKQ47-AD 296435-086**	Danish
SN-LKQ97-AE 166515-036	**SN-LKQ47-AE 296435-036**	UK
SN-LKQ97-AF 166515-356	**SN-LKQ47-AF 296435-356**	Finland
SN-LKQ97-AG 166515-046	**SN-LKQ47-AG 296435-046**	German
SN-LKQ97-AH 166515-336	**SN-LKQ47-AH 296435-336**	Netherlands
SN-LKQ97-AI 166515-066	**SN-LKQ47-AI 296435-066**	Hebrew
SN-LKQ97-AK 166515-116	**SN-LKQ47-AK 296435-116**	Italy
SN-LKQ97-AM 166515-106	**SN-LKQ47-AM 296435-106**	Switzerland
SN-LKQ97-AN 166515-096	**SN-LKQ47-AN 296435-096**	Sweden
SN-LKQ97-AP 166515-056	**SN-LKQ47-AP 296435-056**	Norway
SN-LKQ97-AS 166515-076	**SN-LKQ47-AS 296435-076**	France

Step 3—Keyboards (continued)

Windows NT Keyboard	LINUX-ready or Tru64 UNIX Keyboard	Country
Europe *(continued)*		

SN-LKQ97-AT	—	**SN-LKQ97-AT**	—	Spain
SN-LKQ97-AV	**166515-136**	**SN-LKQ97-AV**	**296435-136**	Portugal
SN-LKQ97-AX	**166515-B46**	**SN-LKQ97-AX**	**296435-B46**	Bosnia, Herzagovnia, Croatia, Serbia, Yugoslavia
SN-LKQ97-BH	**166515-156**	**SN-LKQ47-BH**	**296435-156**	Greece
SN-LKQ97-BP	**166515-246**	**SN-LKQ47-BP**	**296435-246**	Poland
SN-LKQ97-BQ	**166515-216**	**SN-LKQ47-BQ**	**296435-216**	Hungary
SN-LKQ97-BR	**166515-176**	**SN-LKQ47-BR**	**296435-176**	Arabic
SN-LKQ97-BT	**166515-256**	**SN-LKQ47-BT**	**296435-256**	Russia/Cyrillic
SN-LKQ97-BU	**166515-146**	**SN-LKQ47-BU**	**296435-146**	Turkey
SN-LKQ97-BV	**166515-226**	**SN-LKQ47-BV**	**296435-226**	Czech Republic
SN-LKQ97-CZ	**166515-236**	**SN-LKQ47-CZ**	**296435-236**	Slovak
Asia Pacific				
SN-LKQ97-AJ	**166515-296**	—	—	Japan
SN-LKQ97-BI	**166515-AB6**	**SN-LKQ47-BI**	**296435-AB6**	Taiwan
SN-LKQ97-CV	—	**SN-LKQ47-CV**	—	China
SN-LKQ97-BK	**166515-AD6**	**SN-LKQ47-BK**	**296435-AD6**	South Korean
SN-LKQ97-CB	**166515-286**	**SN-LKQ47-CB**	**296435-286**	Thailand
SN-LKQ97-BA	**166515-B36**	**SN-LKQ47-BA**	**296435-B36**	International

Step 4—Memory

- Selection of a minimum of 128 MB memory is **mandatory** for CTO/SBBs.
- Systems support 128 MB to 2 GB system memory (two memory banks support four DIMMs per bank).

SN-MSP01-KA	**388259-B21**	**128 MB ECC memory DIMMs (4 x 32MB DIMMs)**
SN-MSP01-KB	**388260-B21**	**256 MB ECC memory DIMMs (4 x 64MB DIMMs)**
SN-MSP01-KC	**388261-B21**	**512 MB ECC memory DIMMs (4 x 128MB DIMMs)**
SN-MSP01-KD	**388262-B21**	**1024 MB ECC memory DIMMs (4 x 256MB DIMMs)**

Step 5—Storage

All systems include an onboard UltraSCSI adapter for internal drives only. Packaged Systems/BTO models also include a PCI-based Ultra-2 SCSI adapter (one SN-KZPCA-AA/136237-B21 factory installed).

Step 5a—Internal Storage

- System building blocks/ CTO models require one **mandatory** hard disk drive.
- Hard disk drive ordered with Windows NT or Tru64 UNIX SBB includes Factory installed software.
- Systems support up to four hard disk drives:
- Two 3.5-inch x 1.0-inch hard disk drive in dedicated hard disk drive bays.
- One 3.5-inch x 1.6-inch and one 3.5-inch x 1.0-inch hard disk drives supported in the 5.25-inch removable media bays.

Step 5a—Internal Storage (continued)

SCSI Disk Drives

SN-PBXRW-SC	**146443-B21**	9.1 GB Ultra2 LVD Wide SCSI 7200 RPM hards disk drive 1.0 inch drive
SN-PBXRW-TB	**146444-B21**	18.2 GB Ultra2 LVD Wide SCSI 7200 RPM hard disk drive, 1.0-inch drive
SN-PBXRW-RB	**388265-B21**	4.3 GB Ultra2 LVD Wide SCSI 10K RPM hard disk drive, 1.0-inch drive
SN-PBXRW-VA	**388266-B21**	9.1 GB Ultra2 LVD Wide SCSI 10K RPM hard disk drive, 1.0-inch drive
SN-PBXRW-WA[1]	**388268-B21**	18.2 GB Ultra2 LVD Wide SCSI 10K RPM hard disk drive, 1.6-inch drive (includes fan kit)

1. Maximum one per system, supported in the 5.25-inch removable media bays only.

Removeable Media

- Systems include one 5.25-inch 32X CD-ROM drive.
- Systems support two additional 5.25-inch removable media devices. Note: 5.25-inch removable media bays also support hard disk drives.
- Limit of two ATAPI devices per system
- DVD is data support only (no MPEG-2 capability)
- DVD is backward compatible with CDROM media, (additional CDROM drive not needed)

SN-TLZ10-LK	**388270-B21**	12/24 GB 4 mm DAT internal SCSI tape drive, 1.6-inch front accessible bay
SN-TLZ09-LK	**388269-B21**	4/8 GB 4 mm DAT internal SCSI tape drive, 1.6-inch front accessible bay
SN-PBXRX-CA	**146194-B21**	100MB ATAPI ZIP Drive
SN-PBXRV-AA	**146195-B21**	6X/32X ATAPI DVD-ROM Drive (Data device only)

Step 5b—External Storage

An additional SCSI controller is required to support external drives or RAID arrays.

SCSI Controllers

- Systems include onboard UltraSCSI controller for internal disks only.
- Package systems include an additional PCI-based Wide Ultra-2 SCSI(LVD) adapter for improved internal disk performance.
- Select a maximum of two PCI-based storage adapters or RAID controllers if additional external storage is required.

SN-KZPBA-CA	**388272-B21**	PCI-based single channel UltraSCSI Single-Ended adapter—requires one PCI slot.
SN-KZPBA-CB	**388273-B21**	PCI-based single channel UltraSCSI Differential adapter—requires one PCI slot.
SN-KZPAC-AA	**388274-B21**	PCI-based single channel RAID Array controller (UltraSCSI Single-ended) with 4 MB cache—requires one PCI slot.
SN-KZPAC-CA	**388275-B21**	PCI-based three channel RAID Array controller (UltraSCSI Single-ended) with 4 MB cache—requires one PCI slot. Note: External use of the third channel requires one additional PCI bulkhead slot and a BN31K-0E SCSI cable/bulkhead assembly kit.
SN-KZPAC-CB	**388276-B21**	PCI-based three channel RAID Array controller (UltraSCSI Single-ended) with 8 MB cache—requires one PCI slot. Note: External use of the third channel requires one additional PCI bulkhead slot and a BN31K-0E SCSI cable/bulkhead assembly kit.
SN-KZPCA-AA	**136237-B21**	PCI-based single channel Wide Ultra-2 SCSI (LVD) adapter

Step 5b—External Storage (continued)

Expansion Boxes and SCSI cables

DS-BA356-KF	**108998-B21**	External StorageWorks deskside pedestal unit with 180 W power supply, dual speed blowers, UltraSCSI I/O personality module. Configured for single bus.
BN38C-xx	**--**	VHDCI male to 68-pin HD male SCSI cable. Required to connect external StorageWorks UltraSCSI pedestal to KZPBA-xx adapters. (-01 one meter length, up to –020, 20 meter lengths).
BN37A-xx	**--**	VHDCI male to VHDCI male SCSI cable. Required to connect external StorageWorks UltraSCSI pedestal to KZPAC-xx controller. (-01 one meter length, up to –025, 25 meter lengths).

Step 6—Graphics Options

- Graphics adapter is mandatory for Windows NT system building blocks.
- Graphics adapter is optional for Tru64 UNIX system building blocks.
- System consists of two PCI buses with three PCI slots on Bus 0 and two PCI slots on Bus 1.
- For optimal graphics performance all graphics adapters should be installed on Bus 0. There will be a loss of performance on any adapter placed on PCI Bus 1.
- The first graphics adapter for single head systems must be installed on PCI Bus 0.
- Multi-head systems must be homogeneous, all ELSA GLoria Synergy or all PowerStorm 300, etc.
- Windows NT graphics options include Graphics Support Services Software license, media and documentation.
- Tru64 UNIX graphics options require DIGITAL Open3D media, included in factory installed software (FIS).
- Customers installing LINUX must refer to their supplier for graphic adapter support.

		Maximum Graphics Adapters supported per system	Windows NT	Tru64 UNIX
SN-PBXGK-BB	**400712-B21**	ELSA GLoria Synergy graphics with 8 MB SGRAM	1/3[1]	3[1]
SN-PBXGI-AD	**103455-B21**	PowerStorm 4D51T 3D graphics with 16 MB texture memory	2	2
SN-PBXGD-AD	**102454-B21**	PowerStorm 300 Midrange 3D graphics with 15MB framebuffer memory and 16MB texture memory	2	1
SN-PBXGD-AE	**102455-B21**	PowerStorm 350 Midrange 3D graphics with 30 MB framebuffer memory and 32 MB texture memory	2	1

1. ELSA GLoria Synergy: Windows NT supports one head for 2D/3D, two or three heads for 2D only. Tru64 UNIX supports one to three heads for 2D only.

Step 7—Color Monitors

Note: Country Kit includes two country-specific power cords, one for system and one for monitor.

Powerstorm 350 customers requiring to display the highest resolution stereo graphics (1280x1024 @ 120Hz) should consider the Viewsonic P817 monitor as their current solution.

SN-VRQP7-23 **SN-VRQP7-24**	**307806-B23** **307806-B24**	P75 COLOR MONITOR, -23 =Southern hemisphere, -24 = Northern hemisphere P75 Color Monitor -- 17" Trinitron monitor (16” viewable image size), 0.25mm aperture grille pitch, up to 1280 x 1024 resolution @ 75 Hz, OSD, USB pass through port, Plug & Play, TCO '95, Colorific Software, Asset Control, includes video cable.
SN-VRQP1-23 **SN-VRQP1-24**	**325600-B23** **325600-B24**	P110 COLOR MONITOR, -23 = Southern Hemisphere, -24 = Northern hemisphere P110 Color Monitor -- 21" Trinitron monitor (19.8” viewable image size), 0.25mm aperture grille pitch, up to 1600 x 1200 resolution @ 85 Hz, Ambient Light Sensor, OSD, USB 4 port hub, Plug & Play, TCO '95, Colorific Software, includes video cable.
—	**305708-001**	P1610 COLOR MONITOR, NH P1610 Color Monitor -- 24" Trinitron monitor (22.5” viewable image size), 0.25-0.28mm variable aperture grille pitch, up to 1920 x 1200 resolution @ 76 Hz, 16:10 aspect ratio, Plug & Play, TCO '95, Colorific Software, Northern Hemisphere, includes video cable.

Step 7—Color Monitors (continued)

SN-VRQF8-24	**307906-001**	TFT 8000 18” PANEL MONITOR TFT 8000 18” Panel Monitor -- 18” viewable image size, TFT active matrix, in plane switching technology 160 degree viewing angles, 1280 x 1024 resolution, brightness of 165 nits, detachable base. Requires ELSA Gloria Synergy graphics adapter.

Step 8—Network Options

Systems include an onboard 10/100 Ethernet (Twisted pair) controller.

	Maximum supported per system		Windows NT	Tru64 UNIX
SN-PCXAN-DF	**388277-B21**	PCI-based 10Base2 Ethernet (ThinWire) adapter	1	1
SN-PCXAN-DE	**104865-B21**	PCI-based 10Base5 Ethernet (Thick wire) adapter	1	1
SN-DE500-FA	**104877-B21**	PCI-based 10/100 mb/s Fast Ethernet, supports fiber MMF (Multi-Mode Fiber)	2	2
SN-DE500-BA	**104878-B21**	PCI-based 10/100 mb/s Fast Ethernet, supports Twisted pair	2	2
SN-PBXNP-AC	**104879-B21**	PCI-based Token Ring adapter This option must be installed in PCI-1 bus for both NT and Unix.	2	2
SN-DEFPA-MB	**104880-B21**	PCI-based FDDI adapter DAS TP-PMD	2	2
SN-DEFPA-UB	**104881-B21**	PCI-based FDDI adapter SAS TP-PMD	2	2
SN-DEFPA-AB	**104882-B21**	PCI-based FDDI adapter SAS MMF, SC	2	2
SN-DEFPA-DB	**104883-B21**	PCI-based FDDI adapter DAS UTP, MMF, SC	2	2
SN-PBXDA-AA	**104884-B21**	PCI-based 4 Port Asynchronous Controller	2	2
SN-PBXDA-AB	**104885-B21**	PCI-based 8 Port Asynchronous Controller	2	2
SN-PBXDP-AA	**104886-B21**	PCI-based 2 Port Synchronous Controller	—	2
SN-PBXDP-AB	**104887-B21**	PCI-based 4 Port Synchronous Controller	—	2
SN-PBXDP-AC	**104888-B21**	PCI-based 8 Port Synchronous Controller	—	2
SN-PBXIP-AB	**104889-B21**	PCI-based ISDN/BRI Controller U Interface	2	—
SN-PBXIP-AA	**104890-B21**	PCI-based ISDN/BRI Controller ST	2	—
SN-DGLPA-FA	**104891-B21**	PCI-based ATM 155mbps (fiber)- MMF (Multi-Mode Fiber)	—	2
SN-DGLPA-UA	**104892-B21**	PCI-based ATM 155mbps Cat5- UTP	—	2
FR-PCXFA-AA	—	ISA-based 56 KPS Internal Modem	1	1
SN-DEGPA-SA	**104893-B21**	Gigabit Ethernet Adapter	1	1

Step 9—Hardware Supplemental Services

FM-AWXHW-36	3 Year 5x9 Next Business Day Onsite XP1000/667 warranty uplift (must purchase within 90 days of system purchase).
FM-AW4HR-36	3 Year 5x9 Same Day - 4 Hour Response Onsite XP1000/667 warranty uplift (must purchase within 90 days of system purchase).
FM-AW724-36	3 Year 7x24 Same Day - 4 Hour Response Onsite XP1000/667 warranty uplift (must purchase within 90 days of system purchase).
FS-CPQ05-WJ	In Warranty XP1000/667 service upgrade for 1st year to 5x9 Next Business Day
FS-CPQ05-WK	In Warranty XP1000/667 service upgrade for 2nd or 3rd years to 5x9 Next Business Day
FS-CPQ05-35	Post Warranty XP1000/667 service – 5x9 Next Business Day
FM-AWINS-IN	XP1000/667 Hardware Installation

Step 9—Hardware Supplemental Services (continued)

Step 9a—Software Supplemental Services

For a complete list of available service offerings, please see your local Compaq sales representative or call Compaq directly at 1-800-344-4825 in the US and Canada. For those outside North America, call +353 91 704105 for the number of your local Compaq Information Center.Windows NT

FM-NMB53-12	12 Month 5 x 9 Bronze Windows NT Software Supplemental Support Services; Tier 3M
FM-NMB53-36	36 Month 5 x 9 Bronze Windows NT Software Supplemental Support Services; Tier 3M
FM-NMB53-60	60 Month 5 x 9 Bronze Windows NT Software Supplemental Support Services; Tier 3M
FM-NMB73-12	12 Month 7 x 24 Bronze Windows NT Software Supplemental Support Services; Tier 3M
FM-NMB73-36	36 Month 7 x 24 Bronze Windows NT Software Supplemental Support Services; Tier 3M
FM-NMB73-60	36 Month 7 x 24 Bronze Windows NT Software Supplemental Support Services; Tier 3M

Tru64 UNIX

FM-3BUNS-12	12 Month 7 x 24 Bronze Software Supplemental Support Services
FM-3BUNS-36	36 Month 7 x 24 Bronze Software Supplemental Support Services
FM-3BUNS-60	60 Month 7 x 24 Bronze Software Supplemental Support Services
FM-3BUN5-12	12 Month 5 x 9 Bronze Software Supplemental Support Services
FM-3BUN5-36	36 Month 5 x 9 Bronze Software Supplemental Support Services
FM-3BUN5-60	60 Month 5 x 9 Bronze Software Supplemental Support Services

Step 10—Media and Documentation

XP1000/667 User Documentation

EK-CPWXP-SI	Compaq AlphaStation XP1000/667 Installation and Setup Guide—English
EK-?-SI	Compaq AlphaStation XP1000/667 Installation and Setup Guide—French
EK-?-SI	Compaq AlphaStation XP1000/667 Installation and Setup Guide—German
EK-?-SI	Compaq AlphaStation XP1000/667 Installation and Setup Guide—Japanese
EK-?-SI	Compaq AlphaStation XP1000/667 Installation and Setup Guide—Spanish
EK-?-SI	Compaq AlphaStation XP1000/667 Installation and Setup Guide—Italian
EK - ?	XP1000/500 – XP1000/667 Upgrade Guide - English
EK - ?	XP1000/500 - XP1000/667 Upgrade Guide - French
EK - ?	XP1000/500 - XP1000/667 Upgrade Guide - German
EK - ?	XP1000/500 - XP1000/667 Upgrade Guide - Japanese
EK - ?	XP1000/500 - XP1000/667 Upgrade Guide - Spanish
EK - ?	XP1000/500 - XP1000/667 Upgrade Guide - Italian
EK-?-TI	Compaq AlphaStation XP1000/667 Technical Information Guide – English only

Tru64 UNIX User Documentation, Media and Optional Licenses

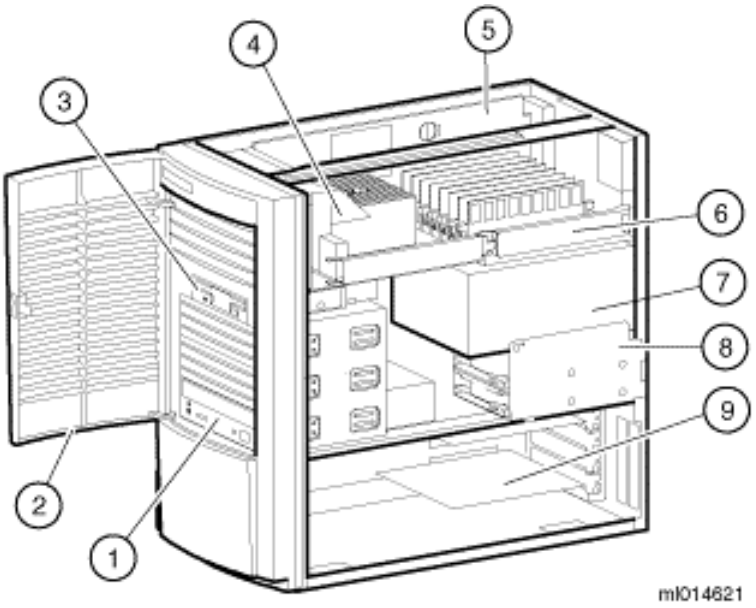
For a complete list of available layered Tru64 UNIX software products see the *Software Price List for Digital Products and Services* document available from your local Compaq sales representative or call Compaq at 1-800-344-4825 in the US and Canada. For those outside North America, call +353 91 704105 for the number of your local Compaq Information Center.

QA-MT4AA-H8	Tru64 UNIX Media & Documentation kit
QA-MT4AA-GZ	Tru64 UNIX Full Documentation kit
QA-MT4AB-GZ	Tru64 UNIX End-User Documentation kit
QL-MT7AE-AA	Tru64 UNIX Unlimited User License

Specifications

Height	40.64 cm (16 inches)
Width	21.59 cm (8.5 inches)
Depth	44.45 cm (17.5 inches)
Weight	18.6 kg (41 lbs)
Shipping carton	23.38 x 20.50 x 15.36
Shipping weight	22.2 kg (49 lbs)

Compaq AlphaStation XP1000/667 System Diagram



Inside View Description

1, CD-ROM drive.
2. Front door.
3. Floppy drive.
4. Fan pipe (directs air to CPU heat sink area).
5. Main Logic Board (MLB).
6. CPU daughter card.
7. 400 Watt power supply.
8. Internal drive bay cage.
9. PCI option installed.