

**DIGITAL Personal Workstations**  
**V3.1—17 March 1998**  
DIGITAL Systems and Options Catalog

**DIGITAL Personal Workstations feature**

<b>i-Series (Windows NT)</b>	<b>i+-Series (Windows NT)</b>	<b>a-Series (Windows NT)</b>	<b>au-Series DIGITAL UNIX and OpenVMS</b>
Short-tower enclosure	Short-tower enclosure	Short-tower enclosure	Short-tower enclosure
Pentium II 266/300 MHz with Intel 440FX PCIset	Pentium II 266/333 MHz, with Intel 440LX AGPset	DIGITAL 21164 433/500/600 MHz	DIGITAL 21164 433/500/600 MHz
512 KB cache	512 KB cache	0 MB, 2 MB or 4 MB cache	0 MB, 2 MB or 4 MB cache
Optional graphics	On-board 3Dlabs Permedia P2 graphics on MLB, 4MB	Optional graphics	Optional graphics
5 slots (2 PCI, 3 PCI/ISA)	6 slots (3 PCI, 2 PCI/ISA, 1 AGP)	5 slots (2 PCI, 3 PCI/ISA)	5 slots (2 PCI, 3 PCI/ISA)
4 SIMM banks (8 slots)	4 DIMM banks (4 slots)	3 DIMM banks (6 slots)	3 DIMM banks (6 slots)
300W power supply	300W power supply	300W power supply	300W power supply
1.44 MB floppy drive	1.44 MB floppy drive	1.44 MB floppy drive	1.44 MB floppy drive
CD-ROM drive	CD-ROM drive	CD-ROM drive	CD-ROM drive
Adaptec UW SCSI controller	On-board Qlogic UW SCSI controller	Qlogic UW SCSI controller	Qlogic UW SCSI controller
On-board EIDE controller	On-board UltraDMA controller	On-board EIDE controller for CD ROM only	On-board EIDE controller for CD-ROM only
On-board 16-bit audio	On-board 16-bit audio	On-board 16-bit audio	On-board 16-bit audio
10/100 BaseT Ethernet twisted pair (thinwire—optional)	On-board 10/100 BaseT Ethernet twisted pair (thinwire—optional)	10/100 BaseT Ethernet twisted pair (thinwire—optional)	10/100 BaseT Ethernet twisted pair (thinwire—optional)
Windows NT 4.0	Windows NT 4.0	Windows NT 4.0	DIGITAL UNIX 4.0D or OVMS 7.1-1H1

**Step 1—DIGITAL Personal Workstations**

DIGITAL Personal Workstations are available through distribution partners. A list of eligible partners is available on DIGITAL Business Link or through a local DIGITAL Sales Office.

DIGITAL Personal Workstations may be ordered as:

- System Building Blocks are designed for “a la carte” ordering and distributor integration. System Building Blocks contain a system kernel, minimum of 64 MB memory (except for Intel Workstations), UltraSCSI disk controller (except for i-Series EIDE SBB), 4.3 GB SCSI hard disk drive, and factory-installed Windows NT, DIGITAL UNIX or OpenVMS operating system.
- Packaged Systems are designed for ease of ordering and stocking. Packaged Systems contain a system kernel, a minimum of 64 MB memory (except for Intel i+ package), UltraSCSI disk controller (except for Intel i+ package), 4.3 GB hard disk drive, graphics card, and factory-installed Windows NT operating system.

DIGITAL Personal Workstations come standard with a three-year limited warranty. Year one features on-site service; years two and three are return to DIGITAL service, parts only. This warranty represents one of the most comprehensive in the industry.

DIGITAL believes the information in this publication is accurate as of its publication date; such information is subject to change without notice. DIGITAL is not responsible for any inadvertent errors.

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## Step 1—DIGITAL Personal Workstations (*continued*)

### System Building Blocks

- Selection of a System and Country Kit from Steps 1 and 2 are mandatory
- Additional options in Steps 3 through 12 are optional.

### i-Series

Order Number	CPU	Operating System	Memory / Cache	Graphics	Controller	Hard Disk Drive
SN-B31WW-T4	266i	Windows NT 4.0	32 MB / 512 KB	—	IDE+	4.3 GB EIDE disk
SN-B31WW-T3	266i	Windows NT 4.0	64 MB / 512 KB	—	UltraSCSI	4.3 GB SCSI disk
SN-B31WW-T5	300i	Windows NT 4.0	64 MB / 512 KB	—	UltraSCSI	4.3 GB SCSI disk

### i+-Series

Order Number	CPU	Operating System	Memory / Cache	Graphics	Controller	Hard Disk Drive
SN-K3B5W-VA	266I+	Windows NT 4.0	32 MB / 512 KB	Permedia P2 4MB SGRAM	UltraDMA	4.3 GB EIDE disk
SN-K3B6W-VC	300I+	Windows NT 4.0	64 MB / 512 KB	Permedia P2 4MB SGRAM	UltraSCSI	4.3 GB SCSI disk
SN-K3B7W-VC	333i+	Windows NT 4.0	64 MB / 512 KB	Permedia P2 4MB SGRAM	UltraSCSI	4.3 GB SCSI disk

### a-Series

Order Number	CPU	Operating System	Memory / Cache	Graphics	Controller	Hard Disk Drive
SN-B3AAP-SB	433a	Windows NT 4.0	64 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3AAP-SH	433a	Windows NT 4.0	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3DAP-SB	500a	Windows NT 4.0	64 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3DAP-SH	500a	Windows NT 4.0	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3EAP-SB	600a	Windows NT 4.0	64 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3EAP-SH	600a	Windows NT 4.0	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk

### au-Series (DIGITAL UNIX)

Order Number	CPU	Operating System	Memory / Cache	Graphics	Controller	Hard Disk Drive
SN-B3AAU-SB	433au	DIGITAL UNIX	64 MB / 0 MB,	—	UltraSCSI	4.3 GB SCSI disk
SN-B3AAU-SH	433au	DIGITAL UNIX	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3AAU-WL	433au	DIGITAL UNIX	64 MB / 2 MB	—	UltraSCSI	2.1 GB SCSI disk
SN-B3DAU-SB	500au	DIGITAL UNIX	64 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3DAU-SH	500au	DIGITAL UNIX	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3EAU-SB	600au	DIGITAL UNIX	64 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3EAU-SH	600au	DIGITAL UNIX	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk



**Step 1—DIGITAL Personal Workstations (continued)****System Building Blocks (continued)****au-Series (OpenVMS)**

Order Number	CPU	Operating System	Memory / Cache	Graphics	Controller	Hard Disk Drive
SN-B3AAV-SB	433au	OpenVMS	64 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3AAV-SD	433au	OpenVMS	128 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3AAV-SH	433au	OpenVMS	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3DAV-SB	500au	OpenVMS	64 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3DAV-SD	500au	OpenVMS	128 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3DAV-SH	500au	OpenVMS	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3EAV-SB	600au	OpenVMS	64 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3EAV-SD	600au	OpenVMS	128 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk
SN-B3EAV-SH	600au	OpenVMS	512 MB / 0 MB	—	UltraSCSI	4.3 GB SCSI disk

**Packaged Systems**

- Selection of a System and Country Kit from Steps 1 and 2 are mandatory.
- Additional options in Steps 3 through 12 are optional.
- Bulk system orders must include Country Kits equal to the total number of systems ordered.

**i-Series**

Order Number	CPU	Operating System	Memory / Cache	Graphics	Controller	Hard Disk Drive
SN-B34WW-FL	266i	Windows NT 4.0	64 MB / 512 KB	Millenium II	UltraSCSI	4.3 GB SCSI disk
SN-B37WW-FL	266i	Windows NT 4.0	64 MB / 512 KB	4D30T	UltraSCSI	4.3 GB SCSI disk

**i+-Series**

SN-K3B5W-VA	266I+	Windows NT 4.0	32 MB / 512 KB	Permedia P2, 4MB SGRAM	UltraDMA	4.3 GB EIDE disk
SN-K3B6W-VC	300I+	Windows NT 4.0	64 MB / 512 KB	Permedia P2, 4MB SGRAM	UltraSCSI	4.3 GB SCSI disk
SN-K3B6W-VD	300I+	Windows NT 4.0	64 MB / 512 KB	PowerStorm 4D30T, 4MB	UltraSCSI	4.3 GB SCSI disk
SN-K3B7W-VC	333i+	Windows NT 4.0	64 MB / 512 KB	Permedia P2, 4MB SGRAM	UltraSCSI	4.3 GB SCSI disk
SN-K3B7W-VD	333i+	Windows NT 4.0	64 MB / 512 KB	PowerStorm 4D30T, 4MB	UltraSCSI	4.3 GB SCSI disk

**a-Series**

SN-B3AAP-AB	433a	Windows NT 4.0	64 MB / 0 MB	Millenium II	UltraSCSI	4.3 GB SCSI disk
SN-B3AAP-FB	433a	Windows NT 4.0	64 MB / 0 MB	PowerStorm 4D30T	UltraSCSI	4.3 GB SCSI disk
SN-B3DAP-AB	500a	Windows NT 4.0	64 MB / 0 MB	Millenium II	UltraSCSI	4.3 GB SCSI disk
SN-B3DAP-FB	500a	Windows NT 4.0	64 MB / 0 MB	PowerStorm 4D30T	UltraSCSI	4.3 GB SCSI disk
SN-B3EAP-FB	600a	Windows NT 4.0	64 MB / 0 MB	PowerStorm 4D30T	UltraSCSI	4.3 GB SCSI disk

**Step 2—Country Kit**

- DIGITAL UNIX/OpenVMS universal country kit includes two country-specific power cords, user documentation, and mouse. DIGITAL UNIX license included in package system.
- Windows NT country kit includes two country-specific power cords, user documentation, mouse, operating system license, media and documentation. Country kit ordered determines language of operating system factory installed.
- Country kit must be ordered for system to be operational. Only one country kit allowed per system.
- Bulk system orders must include Country Kits equal to the total number of systems ordered.
- Keyboards must be ordered separately.

Country	Intel Windows NT 4.0 Country Kits i-Series	Intel Windows NT 4.0 Country Kits i+-Series	Alpha Windows NT 4.0 Country Kits a-Series	Windows NT 4.0 Language	DIGITAL UNIX 4.0D OpenVMS 7.1-1H1 Country Kits au-Series	DIGITAL UNIX 4.0D OpenVMS 7.1-1H1 H/W Users Doc au-Series
<b>Americas</b>						
United States	SN-PBB5P-AA	SN-PCB4N-AA	SN-PBB4P-AA	English	SN-PBB4U-AA	English
French Canada	SN-PBB5P-AC	SN-PCB4N-AC	SN-PBB4P-AC	French	SN-PBB4UAC	French
LACR-Spanish	SN-PBB5P-AR	SN-PCB4N-CS	SN-PBB4P-AR	Spanish	SN-PBB4U-AR	Spanish
<b>Europe</b>						
Belgium	SN-PBB5P-AB	SN-PCB4N-AB	SN-PBB4P-AB	English	SN-PBB4U-AB	French
Denmark	SN-PBB5P-AD	SN-PCB4N-AD	SN-PBB4P-AD	Danish	SN-PBB4U-AD	English
United Kingdom	SN-PBB5P-AE	SN-PCB4N-AE	SN-PBB4P-AE	English	SN-PBB4U-AE	English
Finland	SN-PBB5P-AF	SN-PCB4N-AF	SN-PBB4P-AF	Finish	SN-PBB4U-AF	English
Germany	SN-PBB5P-AG	SN-PCB4N-AG	SN-PBB4P-AG	German	SN-PBB4U-AG	German
Netherlands	SN-PBB5P-AH	SN-PCB4N-AH	SN-PBB4P-AH	Dutch	SN-PBB4U-AH	English
Italy	SN-PBB5P-AI	SN-PCB4N-AI	SN-PBB4P-AI	Italian	SN-PBB4U-AI	Italian
Switzerland	SN-PBB5P-AK	SN-PCB4N-AK	SN-PBB4P-AK	French	SN-PBB4U-AK	French
Switzerland/ Germany	SN-PBB5P-AL	SN-PCB4N-AL	SN-PBB4P-AL	German	SN-PBB4U-AL	English
Sweden	SN-PBB5P-AM	SN-PCB4N-AM	SN-PBB4P-AM	Swedish	SN-PBB4U-AM	English
Norway	SN-PBB5P-AN	SN-PCB4N-AN	SN-PBB4P-AN	Norwegian	SN-PBB4U-AN	English
France	SN-PBB5P-AP	SN-PCB4N-AP	SN-PBB4P-AP	French	SN-PBB4U-AP	French
Spain	SN-PBB5P-AS	SN-PCB4N-AS	SN-PBB4P-AS	Spanish	SN-PBB4U-AS	Spanish
Israel	SN-PBB5P-AT	SN-PCB4N-AT	SN-PBB4P-AT	English	SN-PBB4U-AT	English
Portugal	SN-PBB5P-AV	SN-PCB4N-AV	SN-PBB4P-AV	English	SN-PBB4U-AV	English
Greece	SN-PBB5P-BH	SN-PCB4N-BH	SN-PBB4P-BH	English	SN-PBB4U-BH	English
Poland	SN-PBB5P-BP	SN-PCB4N-BP	SN-PBB4P-BP	Polish	SN-PBB4U-BP	English
Hungary	SN-PBB5P-BQ	SN-PCB4N-BQ	SN-PBB4P-BQ	Hungarian	SN-PBB4U-BQ	English
Arabic	SN-PBB5P-BR	SN-PCB4N-BR	SN-PBB4P-BR	English	SN-PBB4U-BR	English
Russia	SN-PBB5P-BT	SN-PCB4N-BT	SN-PBB4P-BT	Russian	SN-PBB4U-BT	English
Turkey	SN-PBB5P-BU	SN-PCB4N-BU	SN-PBB4P-BU	English	SN-PBB4U-BU	English
Slovak	SN-PBB5P-BV	SN-PCB4N-BV	SN-PBB4P-BV	English	SN-PBB4U-BV	English
Serbia	SN-PBB5P-BY	—	SN-PBB4P-BY	English	SN-PBB4U-BY	English
Iceland	SN-PBB5P-CQ	SN-PCB4N-CQ	SN-PBB4P-CQ	English	SN-PBB4U-CQ	English
Czech Republic	SN-PBB5P-CZ	SN-PCB4N-CZ	SN-PBB4P-CZ	Czech	SN-PBB4U-CZ	English
European	SN-PBB5P-EC	SN-PCB4N-EC	SN-PBB4P-EC	English	SN-PBB4U-EC	English



**Step 2—Country Kit (continued)**

Country	Intel Windows NT 4.0 Country Kits i-Series	Intel Windows NT 4.0 Country Kits i+-Series	Alpha Windows NT 4.0 Country Kits a-Series	Windows NT 4.0 Language	DIGITAL UNIX 4.0D OpenVMS 7.1-1H1 Country Kits au-Series	DIGITAL UNIX 4.0D OpenVMS 7.1-1H1 H/W Users Doc au-Series
<b>Asia Pacific</b>						
Japan	SN-PBB5P-AJ	SN-PCB4N-AJ	SN-PBB4P-AJ	Japanese	SN-PBB4U-AJ	Japanese
Australia/ NZ	—	SN-PCB4N-AZ	—	English	—	—
Taiwan	SN-PBB5P-BI	SN-PCB4N-BI	SN-PBB4P-BI	Trad. Chinese	SN-PBB4U-BI	English
South Korea	SN-PBB5P-BK	SN-PCB4N-BK	SN-PBB4P-BK	Korean	SN-PBB4U-BK	English
Far East	SN-PBB5P-CA	SN-PCB4N-CA	SN-PBB4P-CA	English	SN-PBB4U-CA	English
Philippines	SN-PBB5P-CE	SN-PCB4N-CE	SN-PBB4P-CE	English	SN-PBB4U-CE	English
Vietnam	SN-PBB5P-CG	SN-PCB4N-CG	SN-PBB4P-CG	English	SN-PBB4U-CG	English
Thailand	SN-PBB5P-CP	SN-PCB4N-CP	SN-PBB4P-CP	English	SN-PBB4U-CP	English
China	SN-PBB5P-CV	SN-PCB4N-CV	SN-PBB4P-CV	Simp.Chinese	SN-PBB4U-CV	English

**Step 3—Keyboards (Optional)****Americas**

DIGITAL VMS style keyboards used on Alpha, OpenVMS and DIGITAL UNIX products.

Windows 95 Keyboard	Country	DIGITAL VMS Style Keyboard	Country
SN-LK97W-A2	United States	LK46W-A2	United States/United Kingdom
SN-LK97W-AC	French Canada	LK46W-AC	French Canada
SN-LK97W-AR	LACR-Spanish	—	—

**Europe**

Windows 95 Keyboard	Country	DIGITAL VMS Style Keyboard	Country
SN-LK97W-AB	Belgium	LK46W-AB	Belgium
SN-LK97W-AD	Denmark	LK46W-AD	Denmark
SN-LK97W-AE	United Kingdom	—	—
SN-LK97W-AF	Finland	LK46W-AF	Finland
SN-LK97W-AG	Germany	LK46W-AG	Germany
SN-LK97W-AH	Netherlands	LK46W-AH	Netherlands
SN-LK97W-AI	Italy	LK46W-AI	Italy
SN-LK97W-AK	Switzerland	LK46W-AK	Switzerland
SN-LK97W-AL	Sweden	LK46W-AM	Sweden
SN-LK97W-AN	Norway	LK46W-AN	Norway
SN-LK97W-AP	France	LK46W-AP	France
SN-LK97W-AS	Spain	LK46W-AS	Spain
SN-LK97W-AT	Israel	LK46W-AT	Israel
SN-LK97W-AV	Portugal	LK46W-AV	Portugal
SN-LK97W-BH	Greece	LK46W-BH	Greece
SN-LK97W-BP	Poland	LK46W-BP	Poland
SN-LK97W-BQ	Hungary	LK46W-BQ	Hungary
SN-LK97W-BR	Arabic	—	—

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**Step 3—Keyboards (Optional) (continued)**
**Europe (continued)**

Windows 95 Keyboard	Country	DIGITAL VMS Style Keyboard	Country
SN-LK97W-BT	Cyrillic/Russian	LK46W-BT	Russia
SN-LK97W-BU	Turkey	LK46W-BU	Turkey
SN-LK97W-BW	Turkey	LK46W-BW	Turkey
SN-LK97W-BY	Serbia	LK46W-BY	Serbia
SN-LK97W-CQ	Iceland	—	—
SN-LK97W-BV	Czech Republic	LK46W-BV	Czech Republic
SN-LK97W-CZ	Slovak	LK46W-CZ	Slovak

**Asia Pacific**

Windows 95 Keyboard	Country	DIGITAL VMS Style Keyboard	Country
SN-LK97W-AJ	Japan	—	—
SN-LK97W-BI	Taiwan	—	—
SN-LK97W-BK	South Korea	—	—
SN-LK97W-CB	Thailand	—	—

**Note:** Keyboards are not included with the system packaging, customer must order if required.

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**Step 4—Processor Upgrades (Optional)**

SN-PBXBAHB	266 MHz Pentium II processor, must match speed of first processor, supported in MLB CPU socket
SN-PBXBA-IB	300MHz Pentium II processor, must match speed of first processor, supported in MLB CPU socket
SN-D3B5W-5U	266 MHz Pentium II processor, must match speed of first processor, for PWS 266i+, with 440LX
SN-D3B6W-5U	300 MHz Pentium II processor, must match speed of first processor, for PWS 300i+, with 440LX
SN-D3B7W-5U	333 MHz Pentium II processor, must match speed of first processor, for PWS 333i+, with 440LX
SN-PBXBA-DA	PWS 200i to 433a system upgrade, replaces system box
SN-PBXBA-GA	PWS 200i to 266i MLB and CPU upgrade, replaces MLB
SN-PBXBA-FA	PWS 266i to 600a MLB and CPU Upgrade, replaces MLB and memory
SN-PBXBA-IA	PWS 266i to 300i CPU Upgrade
SN-PBXBA-JA	PWS 433/500 a/au to 600 a/au CPU Upgrade

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**Step 5—Memory (Optional)****i-Series Memory**

i-Series, with 440FX chipsets supports four memory options (4 SIMM banks with 2 slots each)

SN-PCCAM-EB	32 MB ECC EDO SIMMs (2 x 16 MB)
SN-PCCAM-EC	64 MB ECC EDO SIMMs (2 x 32 MB)
SN-PCCAM-ED	128 MB ECC EDO SIMMs (2 x 64 MB)

**i+-Series Memory**

i+-Series, with 440LX chipsets supports four memory options (4 DIMM banks with 1 slot each)

SN-MSP01-JB	32 MB ECC SDRAM DIMMs (1 x 32 MB))
SN-MSP01-JC	64 MB ECC SDRAM DIMMs (1 x 64 MB))
SN-MSP01-JD	128 MB ECC SDRAM DIMMs (1 x 128 MB)



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## Step 5—Memory (*continued*)

### a- and au-Series Memory

a- and au- series support three memory options (3 DIMM banks with 2 slots each)

SN-MSP01-HC	64 MB ECC SDRAM DIMMs (2 x 32 MB)
SN-MSP01-HD	128 MB ECC SDRAM DIMMs (2 x 64 MB)
SN-MSP01-HE	256 MB ECC SDRAM DIMMs (2 x 128 MB)
SN-MSP01-HF	512 MB ECC SDRAM DIMMs (2 x 256 MB)

### a- and au-Series Cache Memory

Supported in MLB cache slot. Note: 433au system (SN-B3AAU-WL) includes 2MB cache.

SN-MS01-AB	2 MB Level 3 SRAM cache
SN-MS01-AC	4 MB Level 3 SRAM cache

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## Step 6—Storage (Optional)

### SCSI disk drives

Maximum of four SCSI drives supported per system on DIGITAL UNIX and Windows NT systems. A maximum of three SCSI drives supported per system on OpenVMS systems. (See system diagram)

SN-PBXRW-JD	2.1 GB UltraSCSI wide disk drive 7200 RPM, 1" or 1.6" bay (DIGITAL UNIX and Windows NT only)
SN-PBXRW-HC	2.1 GB UltraSCSI wide disk drive 5400 RPM, 1" or 1.6" bay
SN-PBXRW-NB	4.3 GB UltraSCSI wide disk drive 7200 RPM 1" or 1.6" bay (OpenVMS only)
SN-PBXRW-NC	4.3 GB UltraSCSI wide disk drive 7200 RPM, 1" or 1.6" bay
SN-PBXRW-RA <sup>1,2</sup>	4.3 GB UltraSCSI wide disk drive 10,000 RPM, 1.6" bay (includes fan kit)
SN-PBXRW-SA <sup>2</sup>	9.1 GB UltraSCSI wide disk drive 7200 RPM, 1.6" bay

1. Supported on i-series and a-Series only.
2. Maximum two per system, supported in 5.25" removable media bays only.

### Ultra DMA EIDE Drives

Ultra DMA EIDE disk drives are supported on i-Series and i+-Series only, maximum of two per system.

SN-PCXRA-AN	2.1 GB Ultra DMA EIDE disk drive, 5400 RPM, 1.6" bay
SN-PCXRA-AT	4.3 GB Ultra DMA EIDE disk drive, 5400 RPM, 1.6" bay
SN-PCXRA-AU	6.4 GB Ultra DMA EIDE disk drive, 5400 RPM, 1.6" bay
SN-PCXRA-AP	3.2 GB Ultra DMA EIDE disk drive, 5400 RPM, 1.6" bay

### Tape Drives

Maximum of two tape drives supported per system

SN-TLZ10-LK	12/24 GB 4mm DAT internal SCSI tape drive, 1.6" front accessible bay
SN-TLZ09-LK	4/8 GB 4mm DAT internal SCSI tape drive, 1.6" front accessible bay

### Storage Adapters

SN-PBXKP-BA	Wide to narrow SCSI connection adapter
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### Floppy Drives

SN-PBXRX-BB	100 MB Floppy zip drive (Windows NT only)
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**Step 6—Storage (continued)****Controllers**

Each DPWS a and au system include a Q-logic UltraSCSI wide controller in the base system. No additional SCSI controllers are supported.

Maximum controllers supported per system		i Series	i+ Series	a Series	au Series
SN-PCTAZ-DE	Adaptec 2940 UltraSCSI wide controller, requires 1 PCI 32-bit slot	3	3	—	—
SN-KZPBA-CA	Q-Logic 1040B UltraSCSI wide controller, requires 1 PCI 32-bit slot	3	—	—	—
SN-KZPAC-AA <sup>1</sup>	1-port PCI-based RAID controller, 4MB EDRAM cache, requires 1 PCI 32-bit slot	1	1	—	—
SN-KZPAC-CA <sup>1</sup>	3-port PCI-based RAID controller, 4MB EDRAM cache, requires 1 PCI 32-bit slot, third port requires one additional PCI bulkhead slot, and one BN31K-0E bulkhead assembly kit.	1	1	—	—
SN-KZPAC-CB <sup>1</sup>	3-port PCI-based RAID controller, 8MB EDRAM cache, requires 1 PCI 32-bit slot, third port requires one additional PCI bulkhead slot, and one BN31K-0E bulkhead assembly kit.	1	1	—	—

1. For i-Series only: SN-KZPAC can be used with DIGITAL StorageWorks DS-BA356-KF enclosure to run in UltraSCSI mode and requires BN38C-xx SCSI cable not to exceed 20 meters.

**Step 7—Graphics Options (Optional)**

Graphics Options require 1 PCI 64-bit slot—Maximum supported per system		i Series	i+ Series	a Series	au Series
SN-PB2GA-KB	Matrox Millennium II graphics with 4 MB WRAM, maximum 8 MB WRAM	2	2	2	—
SN-PBXGB-AA	PowerStorm 3D30 graphics with 2 MB VRAM	—	—	—	2
SN-PBXGK-AA	PowerStorm 4D10 graphics with 4 MB SGRAM	1	1	1	—
SN-PBXGK-AB	PowerStorm 4D10T graphics with 8 MB SGRAM	1	1	1	—
SN-PBXGB-CA	PowerStorm 4D20 graphics with 16 MB VRAM	—	—	—	2
SN-PBXGD-AA	PowerStorm 4D30T 3D graphics with 4 MB texture memory, maximum 16 MB texture memory	1	1	1	—
SN-PBXGD-AB	PowerStorm 4D30T 3D graphics with 16 MB texture memory, maximum 32 MB texture memory	1	1	1	—
SN-PBXGI-AD	PowerStorm 4D51T 3D graphics with 4 MB texture memory, maximum 16 MB texture memory	—	1	1	1 <sup>1</sup>
Graphics Options require 2 PCI 64-bit slots—Maximum supported per system		i Series	i+ Series	a Series	au Series
SN-PBXGI-AA	PowerStorm 4D40T 3D graphics with 16 MB VRAM, maximum 32 MB texture memory	1	—	1	1 <sup>1</sup>
SN-PBXGI-AB	PowerStorm 4D50T 3D graphics with 16 MB VRAM, maximum 32 MB texture memory	—	—	1	1 <sup>1</sup>
SN-PBXGI-AC <sup>2</sup>	PowerStorm 4D60T 3D graphics with 32 MB VRAM, plus 16MB texture memory, maximum 32 MB texture memory	—	—	1	1 <sup>1</sup>

1. Not supported on OpenVMS.

2. Upgrading to 32 MB of texture memory requires replacing the existing 16 MB of texture memory.



## Step 8—Graphics Memory Options (Optional)

		i Series	i+ Series	a Series	au Series
SN-PB2GA-KE	4 MB WRAM Frame Buffer Upgrade: Millennium II supported in Millennium II memory slot	X	X	X	—
SN-PBXGD-GB	16 MB Texture memory for PowerStorm 4D30T supported in 4D30T memory slot	X	X	X	—
SN-PBXGI-GA	4 MB Texture memory for PowerStorm series supported in 4D40T, 4D50T, 4D60T memory slot	X	—	X	X <sup>1</sup>
SN-PBXGI-GB	16 MB Texture memory for PowerStorm series supported in 4D40T, 4D50T, 4D60T memory slot	X	—	X	X <sup>1</sup>
SN-PBXGI-GC	32 MB Texture memory for PowerStorm series supported in 4D40T, 4D50T, 4D60T memory slot	X	—	X	X <sup>1</sup>
SN-PBXGK-GA	4 MB frame buffer memory for PowerStorm 4D10 supported in embedded Permedia P2 graphics on 440LX-based motherboard	—	X	—	—
SN-PBXGK-GE	16MB frame buffer memory for PowerStorm 4D51T only	—	X	X	—

1. Not supported on OpenVMS.

## Step 9—Color Monitors (Optional)

		i Series	i+ Series	a Series	au Series
FR-PCXBV-EZ	15"(13.9" viewable) Corporate Northern Hemisphere 120/240V	X	X	—	—
SN-PCXBV-EZ	15"(13.9" viewable) Corporate Northern Hemisphere 120/240V	X	X	X	X
FR-PCXBV-FZ	17"(16.0" viewable) Corporate Northern Hemisphere 120/240V	X	X	X	X
SN-PCXBV-FZ	17"(16.0" viewable) Corporate Northern Hemisphere 120/240V	X	X	X	X
FR-PCXAV-YZ	17"(16.0" viewable) Professional Northern Hemisphere 120/240V	X	X	X	X
SN-PCXAV-YZ	17"(16.0" viewable) Professional Northern Hemisphere 120/240V	X	X	X	X
FR-PCXAV-CZ	19"(18.0" viewable) Professional Northern Hemisphere 120V	X	X	X	X
SN-PCXAV-CZ	19"(18.0" viewable) Professional Northern Hemisphere 120V	X	X	X	X
FR-PCXAV-TZ	19"(18.0" viewable) Professional Northern Hemisphere	X	X	X	X
SN-PCXAV-TZ	19"(18.0" viewable) Professional Northern Hemisphere	X	X	X	X
FR-PCXAV-WZ	21"(19.6" viewable) Professional Northern Hemisphere 120/240V	X	X	X	X
SN-PCXAV-WZ	21"(19.6" viewable) Professional Northern Hemisphere 120/240V	X	X	X	X
FR-PCXAV-AZ <sup>1</sup>	24"(22.5" viewable) Professional Northern Hemisphere 120/240V	—	—	X	X
SN-PCXAV-AZ	24"(22.5" viewable) Professional Northern Hemisphere 120/240V	X	X	—	—
FR-PCXBV-EY	15"(13.9" viewable) Corporate Southern Hemisphere 240V	X	X	—	—
SN-PCXBV-EY	15"(13.9" viewable) Corporate Southern Hemisphere 240V	X	X	—	—
FR-PCXBV-FY	17"(16.0" viewable) Corporate Southern Hemisphere	X	X	—	—
SN-PCXBV-FY	17"(16.0" viewable) Corporate Southern Hemisphere	X	X	—	—
FR-PCXAV-YY	17"(16.0" viewable) Professional Southern Hemisphere	X	X	X	X
SN-PCXAV-YY	17"(16.0" viewable) Professional Southern Hemisphere	X	X	X	X
FR-PCXAV-WY	21"(19.6" viewable) Professional Southern Hemisphere	X	X	X	X
SN-PCXAV-WY	21"(19.6" viewable) Professional Southern Hemisphere	X	X	X	X
FR-PCXAV-YY	17"(16.0" viewable) Professional Southern Hemisphere	X	X	X	X
SN-PCXAV-YY	17"(16.0" viewable) Professional Southern Hemisphere	X	X	X	X
FR-PCXAV-TY	19"(18.0" viewable) Professional Southern Hemisphere	X	X	X	X
SN-PCXAV-TY	19"(18.0" viewable) Professional Southern Hemisphere	X	X	X	X
FR-PCXAV-WY	21"(19.6" viewable) Professional Southern Hemisphere	X	X	X	X
SN-PCXAV-WY	21"(19.6" viewable) Professional Southern Hemisphere	X	X	X	X

1. Supported with PowerStorm 4D60T graphics options only.

Note: Northern Hemisphere –WA (120V) color monitor variants include a North American power cord. Customers who purchase a North American –W3 variant (240V) must order the country specific power cord.

**Step 10—Network Options (Optional)**

i+-Series includes onboard 10/100 BaseT Ethernet controller

PCI-based Network options require 1 PCI slot		Maximum supported per system	i Series	i+ Series	a Series	au Series
SN-DE450-CA	EtherWORKS PCI 10mbs (twisted pair/AUI/BNC)		3	—	1	1
SN-DE500-BA	FastEthernet PCI 10/100mbs (twisted pair)		1	1	1	1
SN-PBXNP-AC	PCI Token Ring adapter		1	1	1	1
SN-DEFPA-AB	PCI - FDDI adapter SAS fiber		—	—	1	1
SN-DEFPA-DB	PCI - FDDI adapter DAS Fiber		—	—	1	1
SN-DEFPA-MB	PCI - FDDI adapter DAS UTP		—	—	1	1
SN-DEFPA-UB	PCI - FDDI adapter SAS UTP		—	—	1	1
PBXDA-AA	PCI Asynchronous 4-port adapter		—	—	1	1
PBXDA-AB	PCI Asynchronous 8-port adapter		—	—	1	1
SN-PBXIP-AA	PCI ISDN BRI S/T		—	—	1	1
SN-PBXIP-AB	PCI ISDN BRI U		—	—	1	1
SN-DGLPA-FA	PCI ATM adapter		—	—	—	1 <sup>1</sup>
SN-DGLPA-UA	PCI ATM adapter		—	—	—	1 <sup>1</sup>

1. Not supported on OpenVMS.

ISA-based Network options require 1 ISA slot		Maximum supported per system	i Series	i+ Series	a Series	au Series
SN-PCXHF-AA	ISA Fax/modem 28.8Kbps		2	2	1	—
PBXDF-BA	ISA Fax/modem 28.8Kbps		—	—	1	1

System Enclosure Options		i Series	i+ Series	a Series	au Series
SN-PCXAN-DB	10BaseT/10Base 2 Ethernet Bulkhead Connector	1	—	1	1
SN-PCXAN-DC	10BaseT/10Base2 Ethernet bulkhead Connector, AUI	—	1	—	—
SN-PCXAN-DD	10BaseT/10Base2 Ethernet bulkhead Connector, BNC	—	1	—	—
FR-PCXHA-AA	Power on/off Controller	1	1	1	1

**Step 11—Input Devices (Optional)**

PBXWA-AA	2-button spaceball
PBXWB-AA	3-button trackball
PBXWT-AA	12x12 Digitizing tablet, 16-button cordless cursor 120V US wall mount power supply
PBXWT-AB	12x12 Digitizing tablet, 16-button cordless cursor 220V European wall mount power supply
PBXWT-AC	12x12 Digitizing tablet, 16-button cordless cursor 240V UK wall mount power supply
PBXWT-AD	12x12 Digitizing tablet, 16-button cordless cursor 100V Japan wall mount power supply
PBXWT-BA	2-button cordless click pen for all variants of PBXWT-Ax

**Step 12—Hardware Supplemental Services (Optional)**

FM-W****.**	Hardware supplemental price depends on total price of the order, type of extension (e.g. Onsite Next Business Day, Onsite same business day, 7 x 24, and number of months). Refer to "Multivendor Customer Services Quick Quote Card" for part numbers (In Europe, refer to on-line Quoting System). First * after W could be A through P, depending on total list price of the hardware. Second through fourth * represent different levels (e.g. XHW for Onsite next business day service, 4 hour Onsite same business day service, and 7 x 24 service). Last two ** represent duration in months (e.g. 12, 36, 60)
FM-WSDTP-IN	Hardware Installation



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**Step 12a—Software Supplemental Services—Windows NT**

FM-HD5**.**	5 x 9 Helpdesk Support
FM-HD7**.**	7 x 24 Helpdesk Support
	First two ** after 5 or 7 represent the number of calls, and could be 05, 15, or 25.
	Last two ** represent duration in months, and could be 12, 36, or 60

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**Step 12b—Software Supplemental Services—UNIX**

FM-3BUNS-12	12 Month FULL Software Supplemental Support Services
FM-3BUNS -36	36 Month FULL Software Supplemental Support Services
FM-3BUNS -60	60 Month FULL Software Supplemental Support Services
FM-3BUNN -12	12 Month NODE Software Supplemental Support Services
FM-3BUNN -36	36 Month NODE Software Supplemental Support Services
FM-3BUNN -60	60 Month NODE Software Supplemental Support Services

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**Step 13—Media and Documentation (optional)****a-Series and au-Series User Documentation**

EK-ALUNX-UI	DIGITAL Personal Workstation User's Guide—English
EK-ALUNF-UI	DIGITAL Personal Workstation User's Guide—French
EK-ALUNG-UI	DIGITAL Personal Workstation User's Guide—German
EK-ALUNJ-UI	DIGITAL Personal Workstation User's Guide—Japanese
EK-ALUNS-UI	DIGITAL Personal Workstation User's Guide—Spanish
EK-ALUNI-UI	DIGITAL Personal Workstation User's Guide—Italian
ER-B30WW-IM	DIGITAL Personal Workstation Quick Setup Guide—Multilingual

**DIGITAL UNIX User Documentation**

QA-MT4AA-GZ	DIGITAL UNIX 4.0D Full Documentation kit
QA-MT4AB-GZ <sup>1</sup>	DIGITAL UNIX 4.0D End-User Documentation kit

1. Included in Full Documentation kit

**DIGITAL UNIX Software Media and Optional Licenses**

QA-MT4AA-H8	DIGITAL UNIX 4.0D Media & Documentation kit
QL-MT7AE-AA	DIGITAL UNIX 4.0D Unlimited User License
QL-MT6AE-AA	DIGITAL UNIX 4.0D Server Extensions License
QL-MT5AE-AA	DIGITAL UNIX 4.0D C Developer's Extensions License
QL-MT7AM-3B	DIGITAL UNIX 4.0D 1-User Concurrent License
QL-MT7AM-3C	DIGITAL UNIX 4.0D 2-User Concurrent License
QL-MT7AM-3D	DIGITAL UNIX 4.0D 4-User Concurrent License
QL-MT7AM-3E	DIGITAL UNIX 4.0D 8-User Concurrent License
QL-MT7AM-3F	DIGITAL UNIX 4.0D 16-User Concurrent License
QL-MT7AM-3G	DIGITAL UNIX 4.0D 32-User Concurrent License
QL-MT7AM-3H	DIGITAL UNIX 4.0D 64-User Concurrent License

**Note:** All DIGITAL UNIX systems include 2-user Base license

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## Step 13—Media and Documentation (*continued*)

### OpenVMS Media and Documentation

- OpenVMS Packaged and Base systems require operating system media and documentation for first system on site.
- Software Processor Code = E

QA-MT1AD-H8	OpenVMS V7.1-1H1 Media on CD-ROM
QA-MT1AA-H8	OpenVMS V7.1 media and on-line doc on CD-ROM
QA-001AA-GZ	OpenVMS hardcopy documentation

### OpenVMS Optional Licenses

- OpenVMS Concurrent Use Licenses are not specific to a single system and can be moved between systems at user discretion. OpenVMS Concurrent Use Licenses can also be shared in a mixed OpenVMS VAX and OpenVMS Alpha Cluster.

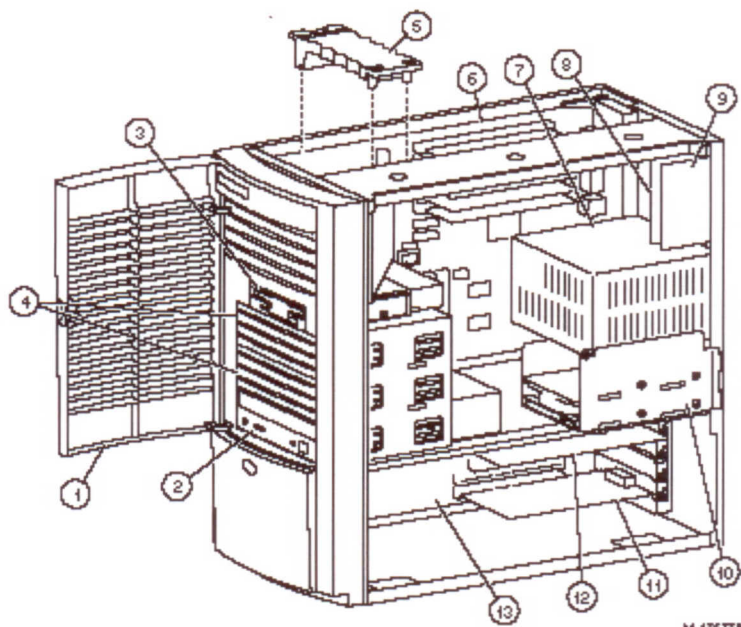
QL-MT3AA-3B	OpenVMS Concurrent Use 1-user license
QL-MT3AA-3C	OpenVMS Concurrent Use 2-user license
QL-MT3AA-3D	OpenVMS Concurrent Use 4-user license
QL-MT3AA-3E	OpenVMS Concurrent Use 8-user license
QL-MT3AA-3F	OpenVMS Concurrent Use 16-user license
QL-MT3AA-3G	OpenVMS Concurrent Use 32-user license
QL-MT3AA-3H	OpenVMS Concurrent Use 64-user license
QL-MT3AA-3J	OpenVMS Concurrent Use 128-user license
QL-MT3AA-3K	OpenVMS Concurrent Use 256-user license
QL-MT2AE-AA	OpenVMS traditional unlimited user license

### Specifications

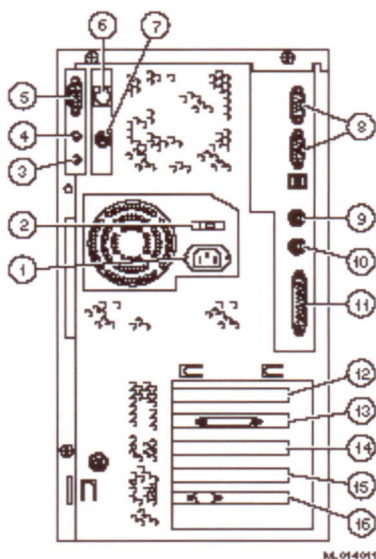
Height	40.64 cm (16 inches)
Width	21.59 cm (8.5 inches)
Depth	44.45 cm (17.5 inches)



DIGITAL Personal Workstations System Diagram (i-Series, a-Series, au-Series)



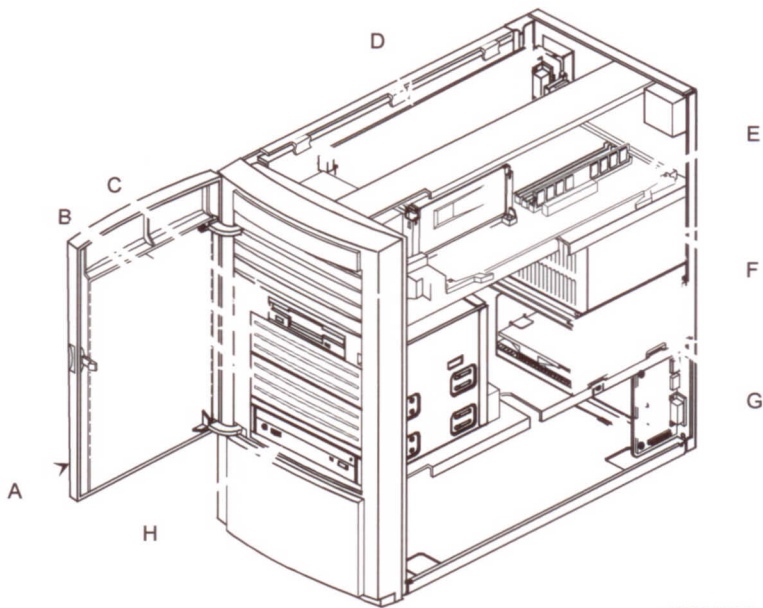
- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Front door assembly</li> <li>2. 5.25" CD-ROM drive bay</li> <li>3. 3.5" floppy diskette drive bay</li> <li>4. Two 5.25" removable media bays</li> <li>5. Main Logic Board retainer bracket</li> <li>6. Main Logic Board</li> <li>7. Power supply</li> </ol> | <ol style="list-style-type: none"> <li>8. Ethernet connector card (MAU or MII)</li> <li>9. Audio connector card</li> <li>10. Two 3.5" x 1" hard disk drive bays</li> <li>11. 64-bit (or 32-bit) PCI option installed on riser card</li> <li>12. ISA card installed in PCI/ISA combination slot</li> <li>13. Riser card</li> </ol> |
|---|---|



- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. AC power connector</li> <li>2. Voltage selector switch</li> <li>3. Audio line In</li> <li>4. Speaker Out</li> <li>5. MIDI adapter or joystick connector</li> <li>6. Ethernet Twisted pair</li> <li>7. ThinWire Ethernet (optional)</li> <li>8. Communication ports 1 and 2</li> </ol> | <ol style="list-style-type: none"> <li>9. Mouse port</li> <li>10. Keyboard port</li> <li>11. Parallel port</li> <li>12. Slot 1: 32-bit PCI (half size slot)</li> <li>13. Slot 2: 32-bit PCI/ISA (half size slot)</li> <li>14. Slot 3: 32-bit PCI/ISA (full size slot)</li> <li>15. Slot 4: 64-bit PCI/ISA (full size slot)</li> <li>16. Slot 5: 64-bit PCI (full size slot)</li> </ol> |
|---|--|

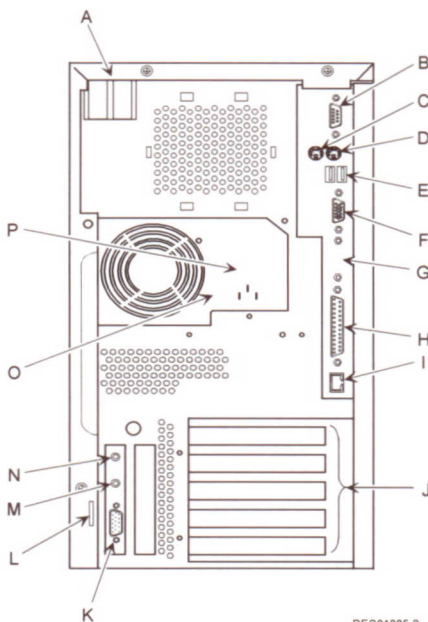
# DIGITAL Personal Workstations

## DIGITAL Personal Workstations System Diagram (i+-Series)



DEC01301-2

- A. Door assembly
- B. Front access 5 1/4-inch
- C. 3 1/2-inch diskette drive
- D. Main Logic Board
- E. Pentium II processor module
- F. Power supply
- G. Internal 3 1/2-inch drive bays (supports IDE, and wide SCSI hard disk)
- H. CD-ROM drive



DEC01305-2

- A. Optional AGP port connector
- B. Video port connector
- C. Keyboard connector
- D. Mouse connector
- E. USB ports
- F. Serial port connector 1
- G. Serial port connector 2
- H. Parallel port connector
- I. 10 Base-T port connector (RJ45)
- J. Expansion board slots
- K. MIDI/joystick port connector
- L. Chassis lockdown
- M. Speaker out
- N. Line in (microphone)
- O. ac line connector
- P. Voltage select switch