

# DIGITAL Server 7100/7100R

Optimized for Windows NT®, the DIGITAL™ Server 7100/7100R offers superior reliability, scalability and expandability to support enterprise business needs. As stand-alone or clustered servers, in 19" rackmount environments, or in LANs that require continuous access to resource-intensive applications, DIGITAL Server 7100/7100R systems define the industry standard for performance.

## TARGET AUDIENCE

- Medium-to-large businesses deploying database applications.
- IS managers and workgroup administrators needing to rightsize legacy systems, consolidate small LANs, or add new LAN applications in stand-alone or rackmount environments.

## KEY FEATURES

### Reliability and Availability

- Enterprise-class features include ECC memory and Hot-Swap drives. Redundant Hot-Swap cooling and power supplies (7100R), support for multi-channel RAID with dynamic on-line expansion capability, support for DIGITAL Clusters for Windows NT® and the Microsoft® Cluster Server component of Windows NT Server/Enterprise Edition. Intelligent Server Management with built-in predictive alerting and asset management is integrated with DIGITAL ServerWORKS™ Manager.

### Manageability

- DIGITAL ServerWORKS suite of manageability tools simplify installation and management of networked servers. ServerWORKS Quick Launch, combined with an integrated 12x CD-ROM drive, enables easy, fast, and reliable configuration and network operating system installation.

### Performance

- 200MHz Pentium® Pro processors in single to quad (true SMP) configurations; 512KB on-chip cache; standard dual-channel Ultra-Wide SCSI host adapter; and integrated 32-bit graphics for high-performance I/O and network throughput.

### Scalability

- Single to quad processor configurations for powerful computing with exceptional investment protection. Integrated design ensures complete out-of-box compatibility and maintains available slots for even greater expansion capability.



Pedestal



Rack

## COMPETITIVE DIFFERENTIATORS

- Up to four SMP 200MHz Pentium Pro processors, each with an integrated 512KB of four-way, set-associative, write-back L2 cache.
- Maximum expandability with up to 4.0GB of ECC protected memory, 1TB of total storage and 12 I/O slots, with up to eight PCI, and five EISA.
- State-of-the-art dual peer PCI bus design with peak bandwidth of 267MB/sec.
- Advanced 256-bit, four-way interleaved memory architecture.
- PCI Ultra-Wide RAID, PCI Ultra-Wide 2-channel SCSI and PCI Fast Ethernet.
- Intelligent Server Management with critical server subsystem status alerts visible through operator control panel (OCP) and DIGITAL ServerWORKS Manager management console.
- Variable-speed Hot-Swap redundant fans; Hot-Swap redundant power supply (optional for 7100R).
- Built-in asset management for fast and accurate service, repair and integrated inventory management of critical server subsystems.

Feature	DIGITAL™ Server 7100/7100R	Compaq ProLiant 5500	Compaq ProLiant 6000	HP NetServer LX Pro	IBM PC Server 704	Dell PowerEdge 6100
<b>CPU support</b>	One to four 200MHz Pentium® Pro processors w/512KB L2 cache	One to four 200MHz Pentium Pro processors w/512KB L2 cache	One to four 200MHz Pentium Pro processors w/512KB or 1MB L2 cache	One to four 166MHz or 200MHz Pentium Pro processors w/512KB or 1MB L2 cache	One to four 200MHz Pentium Pro processors w/512KB L2 cache	One to four 200MHz Pentium Pro processors w/512KB or 1MB L2 cache
<b>Hard disk drive interface</b>	Standard Ultra-Wide 2-channel SCSI (uses slot)	Integrated Ultra-Wide 2-channel SCSI	Integrated Ultra-Wide 2-channel SCSI (uses slot)	Integrated dual Ultra-Wide SCSI	Integrated Fast-Wide SCSI	Integrated dual Ultra-Wide SCSI
<b>I/O slots</b>	7100: 12 slots 7100R: 11 slots	8 slots (7 available)	11 slots (10 available)	10 slots	10 slots (9 available)	10 slots (9 available)
<b>Maximum memory</b>	4GB EDO 60ns DIMM	3GB EDO DIMM	4GB Fast-Page DIMM	4GB SIMM	2GB ECC	4GB DIMM
<b>Graphics</b>	Integrated PCI controller w/1MB	Integrated SVGA with 1MB	Integrated SVGA with 1MB	Integrated SVGA w/512KB, upgradable to 1MB	Integrated SVGA w/512KB	Optional (uses slot)
<b>CD-ROM</b>	12x	16x	8x	4x	8x	12x
<b>Networking</b>	PCI Fast Ethernet (uses slot)	PCI Fast Ethernet (proprietary/ uses slot)	PCI Fast Ethernet (uses slot)	PCI Fast Ethernet (uses slot)	PCI Fast Ethernet (uses slot)	PCI Fast Ethernet (uses slot)
<b>Maximum internal storage</b>	126GB	109.2GB	109.2GB	121GB	109.2GB	54GB
<b>Hot-Swap drives</b>	7100: 7 @ 1.6" 7100R: 5 @ 1.6"	6 @ 1.6"	18 @ 1" 12 @ 1.6"	12 @ 1.6"	12 @ 1.6"	6 @ 1.6"
<b>Power supply</b>	7100: 450W 7100R: 400W	750W	750W	3 @ 410W	420W	700W
<b>Cluster support</b>	Yes	Third-party	Third-party	Third-party	Third-party	Third-party
<b>RAID option</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Redundant power</b>	Standard Optional (7100R)	Optional	Optional	Optional	Standard	Optional
<b>Management</b>	ServerWORKS™	Insight Manager	Insight Manager	NetServer Assistant	IBM NetFinity	Intel LANDesk

## Processors

Model/Processor type/Speed:  
 DIGITAL™ Server 7100 (pedestal model)  
 200MHz Pentium® Pro processor  
 Two 200MHz Pentium Pro processors\*  
 Three 200MHz Pentium Pro processors\*  
 Four 200MHz Pentium Pro processors\*  
 DIGITAL Server 7100R (rack model)  
 200MHz Pentium Pro processor  
 Two 200MHz Pentium Pro processors\*  
 Three 200MHz Pentium Pro processors\*  
 Four 200MHz Pentium Pro processors\*  
 External bus speed: 66MHz  
 Internal architecture: 32-bit  
 Address bus: 32-bit  
 Data bus: 64-bit  
 Physical address space: 4GB

## System Memory

Minimum ECC: 128MB  
 Maximum ECC: 4GB  
 Speed/Type:  
 168-pin 60ns EDO DIMM  
 Mode: Four-way interleaved  
 Configuration:  
 Eight 168-pin EDO DIMMs per memory board on two memory boards  
 Upgradable: With 128, 256, 512MB and 1GB EDO ECC DIMM upgrade kits

## Cache Memory

Primary cache: 16KB  
 Secondary (L2) cache: 512KB per processor

## Graphics

Type:  
 Integrated S3™ Trio 64V2 PCI SVGA graphics controller  
 Memory:  
 1MB DRAM  
 Resolution:  
 800 x 600 x 16.7 million\*  
 1024 x 768 x 256 colors

## PCI Bus

Dual peer PCI buses  
 PCI-EISA bridge

## SCSI Interfaces

Two-channel PCI Ultra-Wide SCSI-2 controller standard  
 One-, two- and three-channel PCI Ultra-Wide SCSI-2 RAID controllers  
 (RAID supports 0, 1, 5, 0+1)

## Slots

Pedestal  
 Total: 12  
 PCI: 7  
 EISA: 4  
 Shared PCI/EISA: 1  
 Rack  
 Total: 11  
 PCI: 7  
 EISA: 3  
 Shared PCI/EISA: 1

## Bays

Pedestal  
 Total: 11  
 Front-accessible:  
 1 3.5" low-profile (1.44MB diskette drive installed)  
 1 5.25" half-height (12x CD-ROM drive installed)  
 2 5.25" half-height (available)  
 7 3.5" Hot-Swap for Storage Building Blocks  
 Rack  
 Total: 8  
 Front-accessible:  
 1 3.5" half-height (1.44MB diskette drive installed)  
 1 5.25" half-height (12x CD-ROM drive installed)  
 1 5.25" half-height (available)  
 5 3.5" Hot-Swap for Storage Building Blocks

## External Ports

Enhanced parallel (ECP/EPP):  
 1 D-type female 25-pin (bidirectional)  
 High-speed 16550-compatible serial:  
 2 D-type male 9-pin  
 SVGA graphics:  
 1 15-pin female D-type  
 Keyboard:  
 1 PS/2-compatible 6-pin mini-DIN  
 Mouse:  
 1 PS/2-compatible 6-pin mini-DIN  
 External SCSI port knockouts:  
 10 port knockouts (7100)  
 8 port knockouts (7100R)

## Power Supply

Power: Dual 450W (pedestal);  
 Single 400W Hot-Swap (rack), upgradable to three  
 Operating voltage (input):  
 110/120V or 220/240V  
 AC 50/60Hz (autosensing)

## Second Power Supply\* (optional)

Power: 450W (pedestal); 400W (rack)  
 Operating voltage (input):  
 110/120V or 220/240V  
 AC 50/60Hz (autosensing)  
 Current sharing

## Dimensions

Pedestal  
 Height: 20.16" 512mm  
 Width: 14.64" 372mm  
 Depth: 23.31" 592mm  
 Weight: 60 lb 27kg  
 (base configuration without hard drives)

Rack  
 Height: 12.25" 31.12cm  
 Width: 17.75" 45.1cm  
 Depth: 26.0" 66cm  
 Weight: 110 lb 50kg

## Cooling

Pedestal: Six fans (four variable-speed)  
 Rack: Four fans  
 Two operate as redundant

## Multilevel Security

QuickLock BIOS password  
 Diskette lockout  
 Keyboard lockout  
 Key lock on chassis

## Manageability

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ServerWORKS™ Quick Launch  
ServerWORKS Manager, which includes ServerWORKS workgroup administrator,  
ServerWORKS Manager application and SNMP agents to manage Microsoft®  
Windows NT® 3.51 or 4.0, Windows NT Enterprise Edition, Novell®  
IntranetWare®, SCO UNIXWare, or SCO OpenServer  
Intelligent Server Management

## Regulatory Certifications

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FCC-A, FCC-B, UL-listed, CE Mark, CSA, VCCI, CISPR-22 (class B), PTT, Eastern  
European (CB), N-Mark (NEMKO), D-Mark (DEMKO), S-Mark (SEMKO),  
Korea, TUV

## Certified Operating Systems

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Microsoft Windows NT Server 4.0  
Microsoft Windows NT Server Enterprise Edition 4.0  
Novell IntranetWare (NetWare® 4.11 included)  
SCO UNIXWare 2.1.2  
SCO OpenServer 5.0.4  
Banyan® VINES™ 7.0  
IBM OS/2® Warp 4.0

## Other Standard Features

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Operator control display panel for quick troubleshooting  
Advanced features:  
CPU status, temperature  
Power supply status  
Fan status  
BIOS version  
Time/date reading  
Memory alert  
Memory size  
Number of CPUs  
Clock speed  
L2 cache size  
Removable casters  
512KB Flash BIOS support for quick and easy system BIOS updates  
Asset management

## Other Specifications

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Front panel indicators:  
Power, hard disk drive, diskette drive, operator control panel  
Front panel switches:  
Power, operator control panel light  
Operating temperature: 10°C to 35°C  
Storage temperature: -20°C to 65°C  
Operating humidity: 20% to 80%  
Storage humidity: 10% to 90%

## Warranty

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Three-year on-site, next-business-day response

*\*Must order a single-processor upgrade (FR-PC93U-AD) or a two-processor upgrade (FR-PC93U-AB) for a two-, three-, or four-processor configuration.*

*\*Achieved with true color drivers available with operating system.*

*\*Some fully configured systems may require both power supplies.*

Configurations

All configurations include:

512KB dedicated cache per processor, integrated S3™ PCI graphics controller with 1MB DRAM, CD-ROM drive, two-channel Ultra-Wide PCI SCSI host adapter and 3.5" 1.44MB diskette drive

DIGITAL™ Server 7100\*

One 200MHz Pentium® Pro processor, 128MB ECC .....FR-932WW-CA†  
memory, no hard disk drive

DIGITAL Server 7100R\*

One 200MHz Pentium Pro processor, 128MB ECC .....FR-R5C5W-AA†  
memory, no hard disk drive

\*Must order a single-processor upgrade (FR-PC93U-AD) or a two-processor upgrade (FR-PC93U-AB) for a two-, three-, or four-processor configuration.

†Must order country accessory kit and operating system software separately.

For a more exhaustive list of configurations, please refer to our Web site.

Options

Country Accessory Kit (Required with each system)

U.S. country accessory kit, including keyboard, .....FR-PCA6K-AA  
documentation and power cord

Processor Upgrades

200MHz processor chip upgrade with 512KB cache .....FR-PC93U-AD  
200MHz two-processor card with 512KB cache .....FR-PC93U-AB  
per processor

System Memory

128MB EDO ECC DIMM (4 x 32MB) .....FR-PC5MA-AG  
256MB EDO ECC DIMM (4 x 64MB) .....FR-PC5MA-AH  
512MB EDO ECC DIMM (4 x 128MB) .....FR-PC5MA-AJ  
1GB EDO ECC DIMM (4 x 256MB) .....FR-PC5MA-AK

Storage Devices

3.5" 1.44MB diskette drive .....FR-PC7XR-AA  
2GB Ultra-Wide SCSI SBB (1.0"), 7200 RPM .....FR-CDCBA-CA  
4GB Ultra-Wide SCSI SBB (1.0"), 7200 RPM .....FR-CECBA-CA  
9GB Ultra-Wide SCSI SBB (1.6"), 7200 RPM .....FR-CFCBA-CA  
18GB Ultra-Wide SCSI SBB (1.6"), 7200 RPM .....FR-CGCB-CA  
12x SCSI CD-ROM drive, 5.25" .....FR-PCXCR-AR  
2.5GB/5GB QIC SCSI tape drive, 5.25" .....FR-PCXAT-AD  
4GB/8GB DAT SCSI tape drive, 5.25" .....FR-PCXAT-AJ  
12GB/24GB DAT SCSI tape drive, 5.25" .....FR-PCXAT-AK  
15GB/30GB DLT tape drive, 5.25" .....FR-PCXLT-AB  
35GB/70GB DLT tape drive, 5.25" .....FR-PCXLT-AD

External Storage Array\*

7-slot Ultra-Wide storage expansion cabinet (pedestal) .....FR-BA356-PA  
7-slot Ultra-Wide storage expansion cabinet (rack) .....FR-BA356-PD

Cabling

2m VHDCI to VHDCI (RAID to BA356) .....FR-BN37A-02  
2m 68-pin HD to VHDCI (SCSI to BA356) .....FR-BN38C-02  
External SCSI cable, 2m SCSI, Narrow HD to Narrow LD .....FR-PCXAR-WH  
External SCSI 68-pin fault bus support terminator .....FR-PCXAR-WJ  
(RAID using SBBs)  
External SCSI cable, 2m SCSI-2, 68-pin HD to 50-pin HD .....FR-PCXAR-WK  
External SCSI cable, 2m SCSI-2, 68-pin HD to 50-pin LD .....FR-PCXAR-WL  
External SCSI cable, 2m SCSI, Wide HD to Wide HD .....FR-BN21K-02  
External SCSI cable, 1.5m SCSI, Narrow HD to Narrow HD .....FR-BN31S-IE  
Internal SCSI cable, 2-connector .....FR-PCXAR-WG  
(1 shielded, 1 unshielded) cable

DIGITAL Clusters for Windows NT®†

RAID Array 7000 Windows NT Cluster Kit .....FR-CK700-UP  
(24 drives) - pedestal  
RAID Array 7000 Windows NT Cluster Kit .....FR-CK700-UR  
(24 drives) - rackmount

BA356 Ultra SCSI Cluster Kit - pedestal .....FR-BA356-UP  
BA356 Ultra SCSI Cluster Kit - rackmount .....FR-BA356-UR  
RAID Array 310 Platform Kit with adapter .....FR-CK310-RF  
RAID 310 subsystem .....FR-SWXRA-Z1  
RAID Array 310 expansion kit .....FR-SWXRA-Z2  
RAID 310 replacement controller .....FR-SWXRC-03

Windows NT Cluster Kit Drives

2.1GB Ultra-Wide SCSI SBB .....FR-RZ1BB-VW  
4.3GB Ultra-Wide SCSI SBB .....FR-RZ1CB-VW  
9GB Ultra-Wide SCSI SBB .....FR-RZ1DB-VW

RAID Controllers

PCI RAID, 1-channel (Ultra-Wide) .....FR-PCTAR-GA  
PCI RAID, 2-channel (Ultra-Wide) .....FR-PCTAR-GB  
PCI RAID, 3-channel (Ultra-Wide) .....FR-PCTAR-GC  
Backup battery for RAID cache .....FR-PCTAR-UB

SCSI Host Adapter

Adaptec PCI 2940UW Ultra-Wide host adapter .....FR-PCTAZ-DE  
Adaptec PCI 3940UW Ultra-Wide 2-channel host adapter .....FR-PCTAZ-EC

Network Interface Cards

PCI Ethernet, 1-channel .....FR-DE450-CA  
PCI Fast Ethernet (10/100) .....FR-DE500-BA  
PCI Ethernet, 3-connector, 1-channel (10Mbps) .....FR-PCXDN-BB  
PCI Ethernet, 1-channel (10/100Mbps) .....FR-PCXDN-BC  
DIGITAL FDDI PCI (SAS) .....FR-DEFFA-AB  
DIGITAL FDDI PCI (UTP) .....FR-DEFFA-UB  
DIGITAL FDDI PCI (DPS) .....FR-DEFFA-DB

Graphics Options and Upgrades

Matrox Millennium II card with 4MB .....FR-PCXAG-BD  
4MB memory upgrade for Matrox Millennium II .....FR-PCCAM-CC

Remote Server Manager

(modem required for server and management station)  
Remote Server Manager EISA adapter .....FR-PCDSC-AA  
power supply and cable (U.S.)  
Remote Server Manager EISA adapter .....FR-PCDSC-AC  
power supply and cable (French/Spanish)  
Remote Server Manager station software .....QB-38EAA-SA  
Remote Server Manager cable kit .....FR-PCXCK-AF  
Remote Server Manager system package .....FR-PCDSM-AA  
(English hardware and software)  
Remote Server Manager system package .....FR-PCDSM-AC  
(French/Spanish hardware and software)  
Remote Server Manager ISA video card .....FR-PCXAG-BC

Modems

(required for Remote Server Manager support)  
56.6Kbps internal PCI modem .....FR-PCXFA-AA  
56.6Kbps external modem .....FR-PCXFA-AB

Software†

Windows NT Server license, media kit .....QB-23CAA-SB  
North American English  
Windows NT Server license, media kit .....QB-23C8A-SB  
international English  
Windows NT Server license, media kit, French .....QB-23CPA-SB  
Windows NT Server license, media kit, Spanish .....QB-23CSA-SB

Rackmount

DIGITAL Server 7000 Series Rackmount (81"H) .....FR-PC5RA-RN  
Rackmount mounting kit .....FR-PC5RA-CM  
DIGITAL Server 7100R Series Rackmount (81"H) .....FR-PC5RA-RC

Accessories

Windows® 95 keyboard, frost-white .....FR-PXCLA-GA  
Mouse, 2-button, frost-white .....FR-PC7XS-AA

Monitors

The DIGITAL Server 7000 Series supports all DIGITAL monitors.

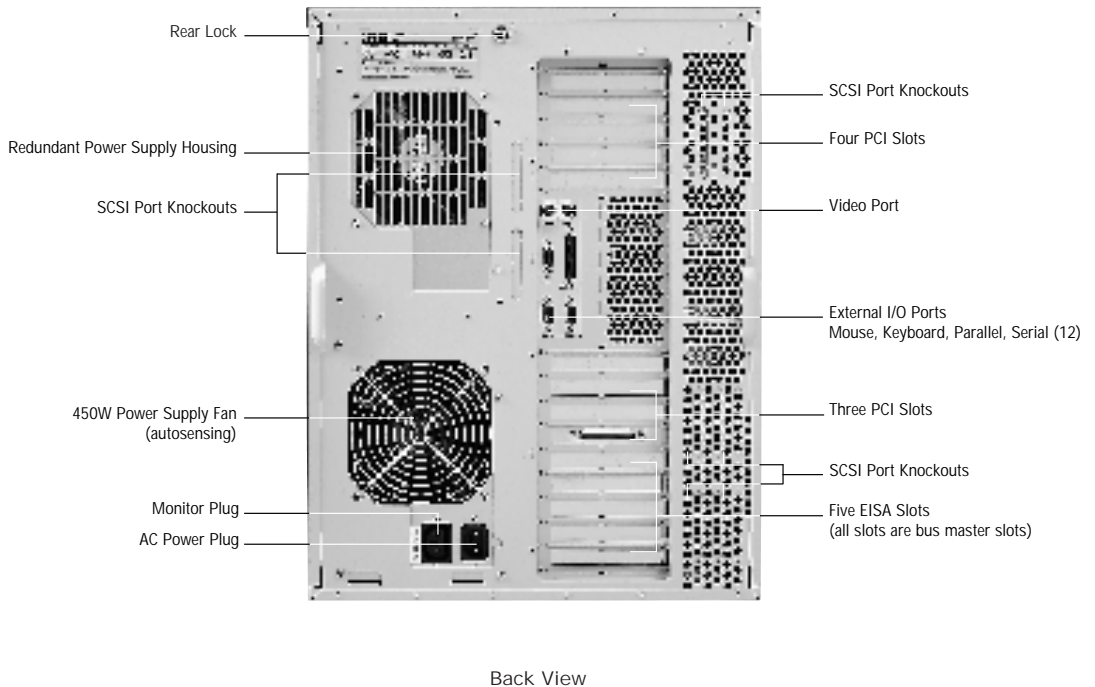
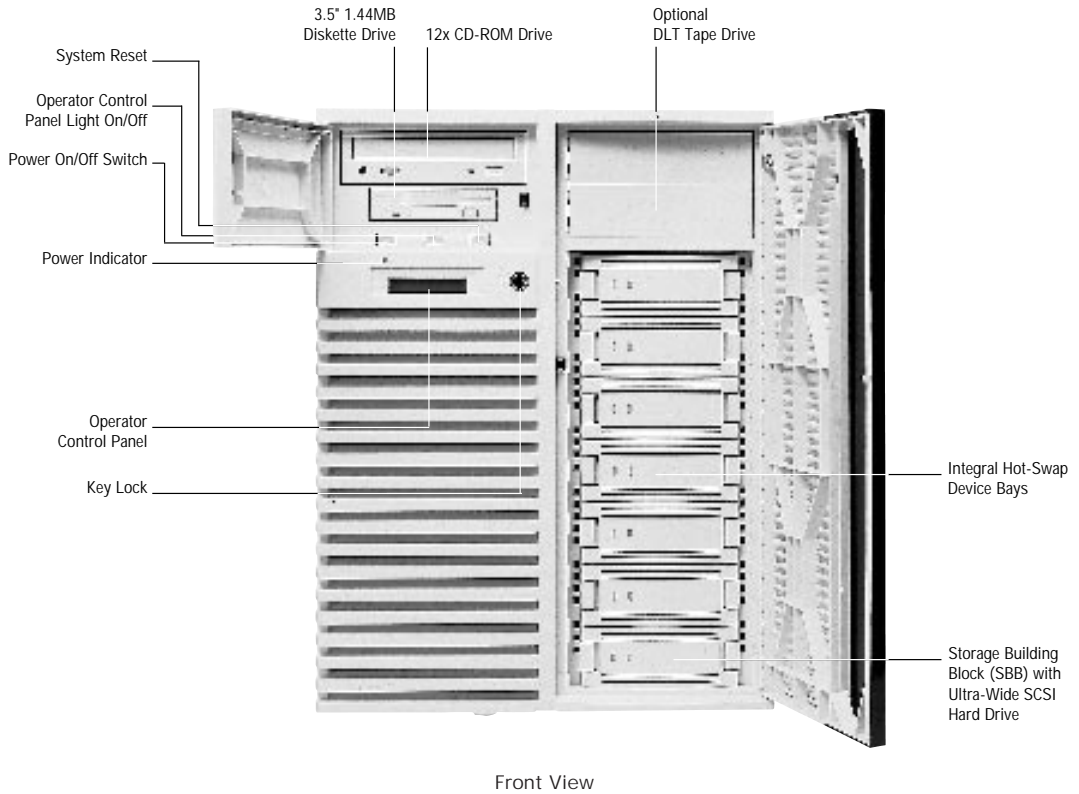
\*Requires SBB SCSI drives.

†These kits support both DIGITAL Clusters for Windows NT (requires one QB-53V9A-SA and two copies of Windows NT Server 4.0) and Windows NT Server Enterprise Clusters (requires NTS/E for each server).

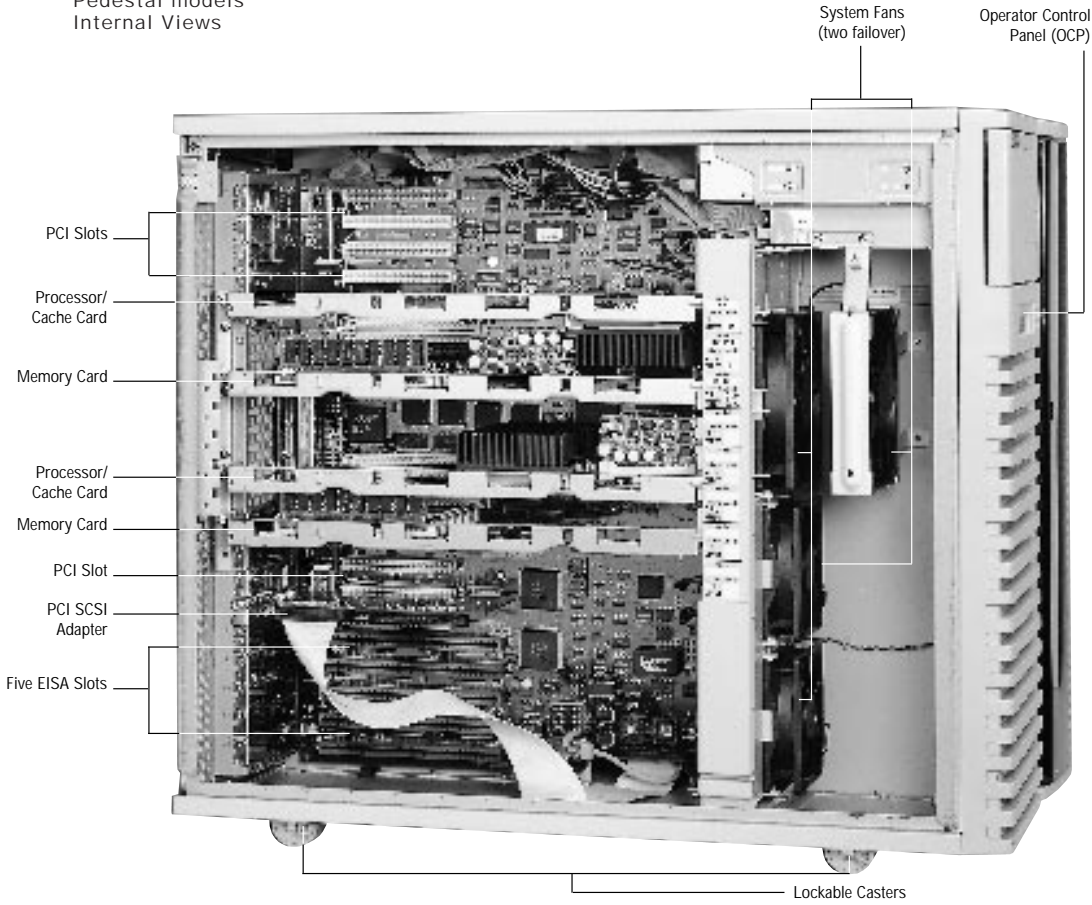
‡Other language variants are available.

To configure your DIGITAL server, DIGITAL ServerMaker, a configuration tool, is available on-line at [www.businesslink.digital.com](http://www.businesslink.digital.com), and is updated regularly.

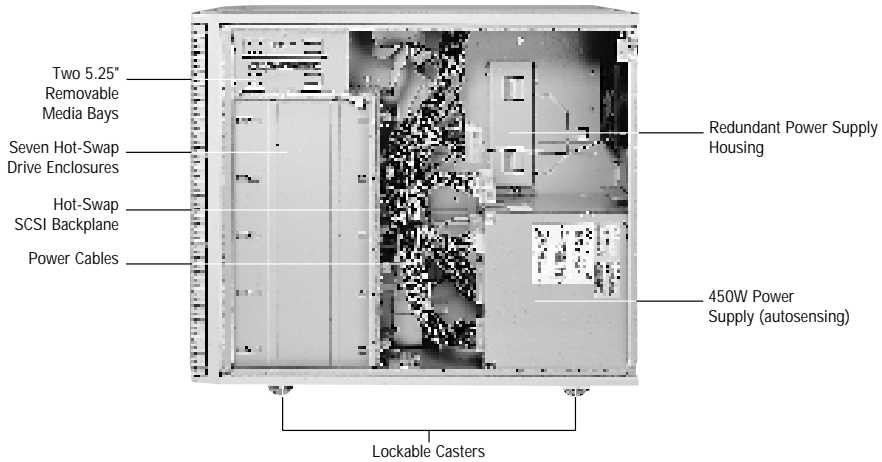
Pedestal models  
External Views



Pedestal models  
Internal Views



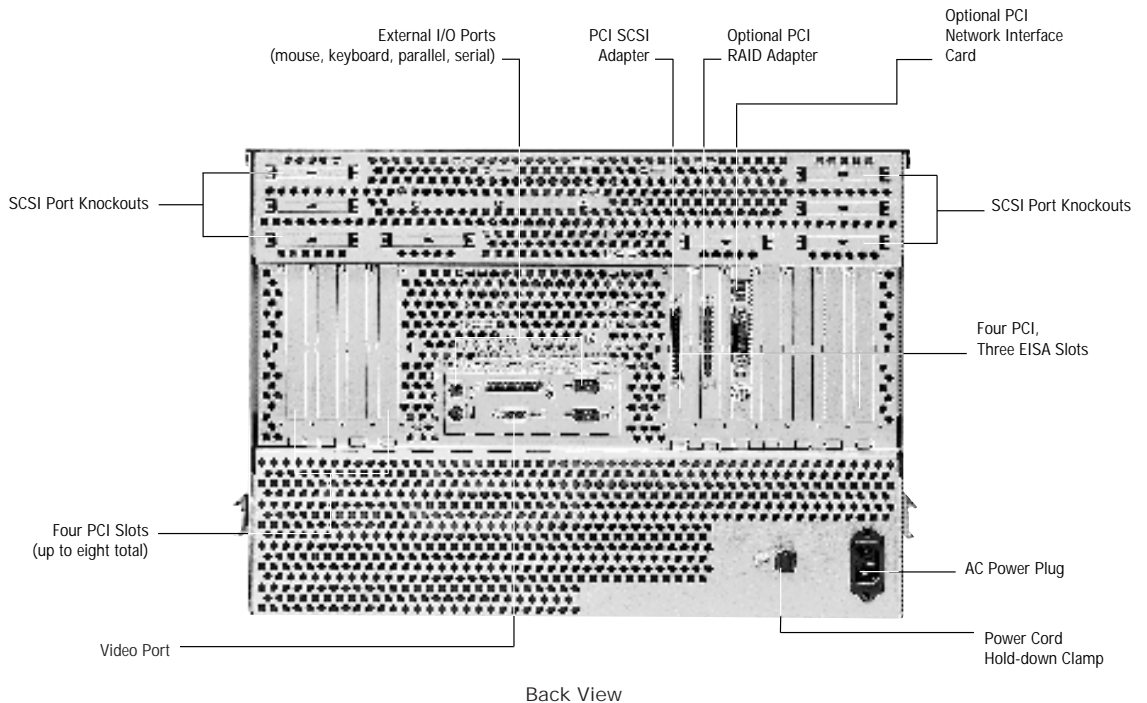
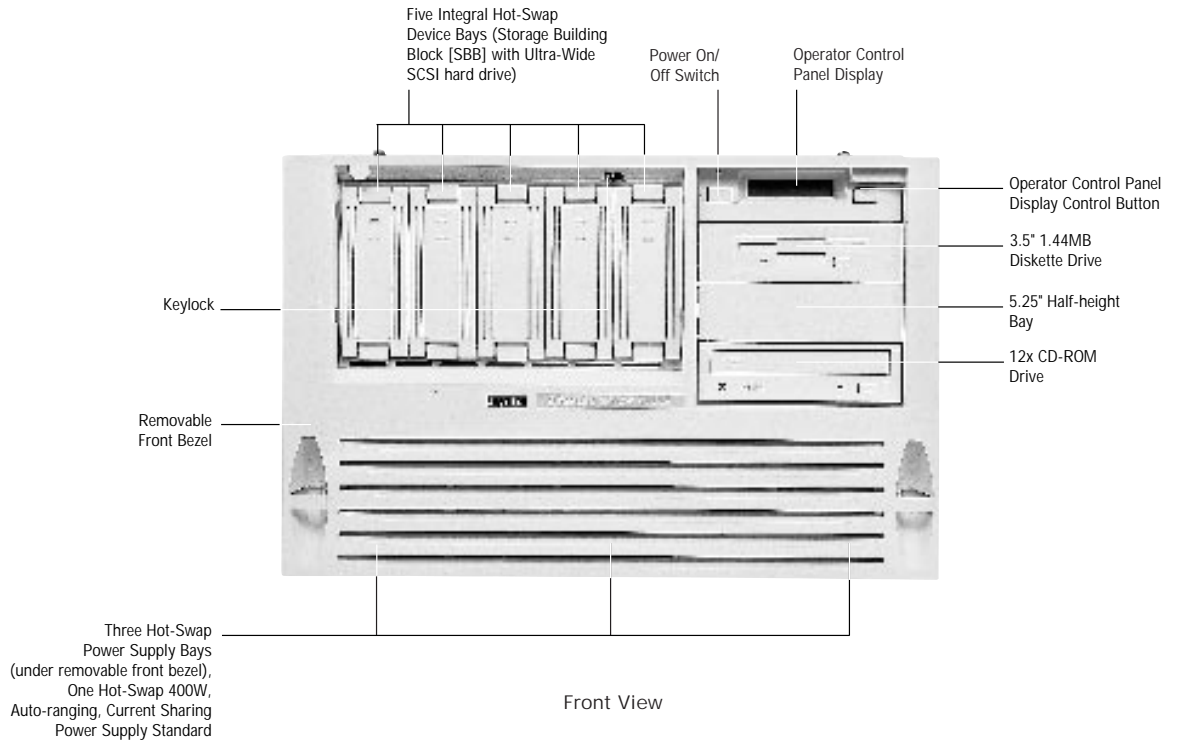
Left Side View  
(with case removed)



Right Side View

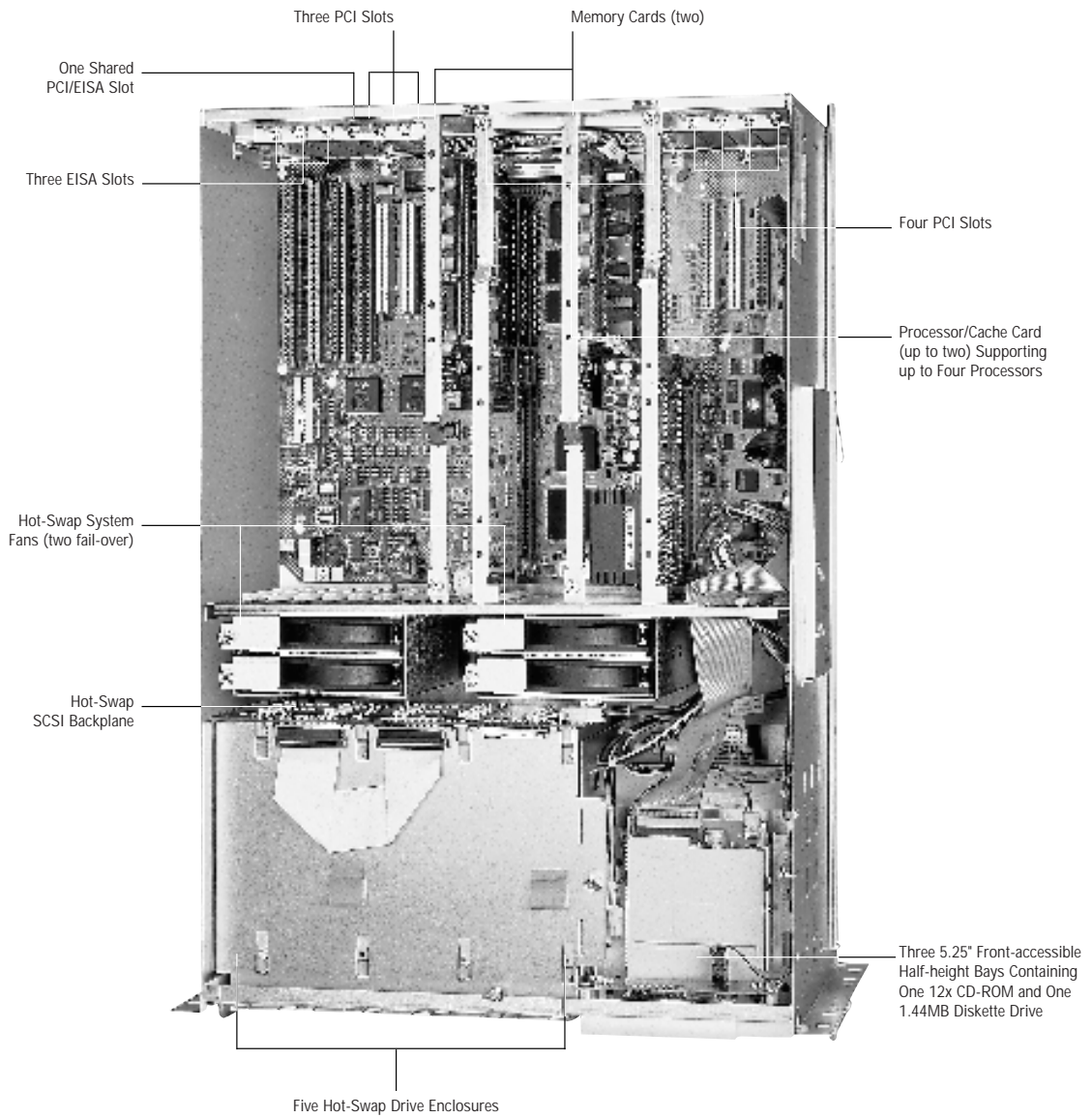
# DIGITAL Server 7100/7100R

## Rackmount models External Views





Rackmount models  
Internal Views



Right Side View  
(with case removed)

Table 1. ECC Memory Chart

If you fill one bank using:	Your memory size for that bank will be:
32MB DIMMs	128MB
64MB DIMMs	256MB
128MB DIMMs	512MB
256MB DIMMs	1GB

Table 2. Various SIMM Size Combinations

DIGITAL™ Server 7100/7100R  
ECC Memory Configurations

Total Memory	Bank 0				Bank 1				Bank 2				Bank 3			
	Board 1		Board 2		Board 1		Board 2		Board 1		Board 2		Board 1		Board 2	
128MB	32MB	32MB	32MB	32MB												
256MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB							
384MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB			
512MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB
256MB	64MB	64MB	64MB	64MB												
384MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB								
512MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB				
512MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB								
640MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB
640MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB				
768MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB
768MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB				
896MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB
1024MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB
512MB	128MB	128MB	128MB	128MB												
640MB	128MB	128MB	128MB	128MB	32MB	32MB	32MB	32MB								
768MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB								
768MB	128MB	128MB	128MB	128MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB				
896MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB				
896MB	128MB	128MB	128MB	128MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB
1024MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB				
1152MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB
1280MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB
1024MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB								
1152MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	32MB	32MB	32MB	32MB				
1280MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB				
1280MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB
1408MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB	32MB	32MB	32MB	32MB
1536MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB
1536MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB				
1664MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	32MB	32MB	32MB	32M
1792MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	64MB	64MB	64MB	64MB
2048MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB	128MB

## DIGITAL™ Server 7100/7100R ECC Memory Configurations (continued)

Total Memory	Bank 0		Bank 1		Bank 2		Bank 3	
	Board 1	Board 2	Board 1	Board 2	Board 1	Board 2	Board 1	Board 2
1152MB	256MB	256MB	32MB	32MB				
1024MB	256MB	256MB	64MB	64MB				
1280MB	256MB	256MB	64MB	64MB	32MB	32MB		
1408MB	256MB	256MB	128MB	128MB	32MB	32MB		
1536MB	256MB	256MB	256MB	256MB				
2048MB	256MB	256MB	32MB	32MB	32MB	32MB		
1280MB	256MB	256MB	64MB	64MB	64MB	64MB		
1536MB	256MB	256MB	128MB	128MB	128MB	128MB		
1664MB	256MB	256MB	128MB	128MB	32MB	32MB	32MB	32MB
1792MB	256MB	256MB	128MB	128MB	64MB	64MB	64MB	64MB
2048MB	256MB	256MB	128MB	128MB	128MB	128MB	128MB	128MB
2176MB	256MB	256MB	256MB	256MB	32MB	32MB	32MB	32MB
2304MB	256MB	256MB	256MB	256MB	64MB	64MB	64MB	64MB
2560MB	256MB	256MB	256MB	256MB	128MB	128MB	128MB	128MB
3072MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB
3200MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB
3328MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB
3584MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB
4096MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB	256MB

1. The DIGITAL Server 7100/7100R supports four 60ns DIMMs, four banks per system, on two memory boards combined. Each bank is split between each memory board to maintain 4-way memory interleaving.
2. Total memory is 4GB, available on two memory boards.
3. 128MB base models will contain 4 x 32MB DIMMs on the MLB.
4. Different capacity DIMMs can be installed in subsequent banks. Each bank must use DIMMs of the same capacity, type, and speed.

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