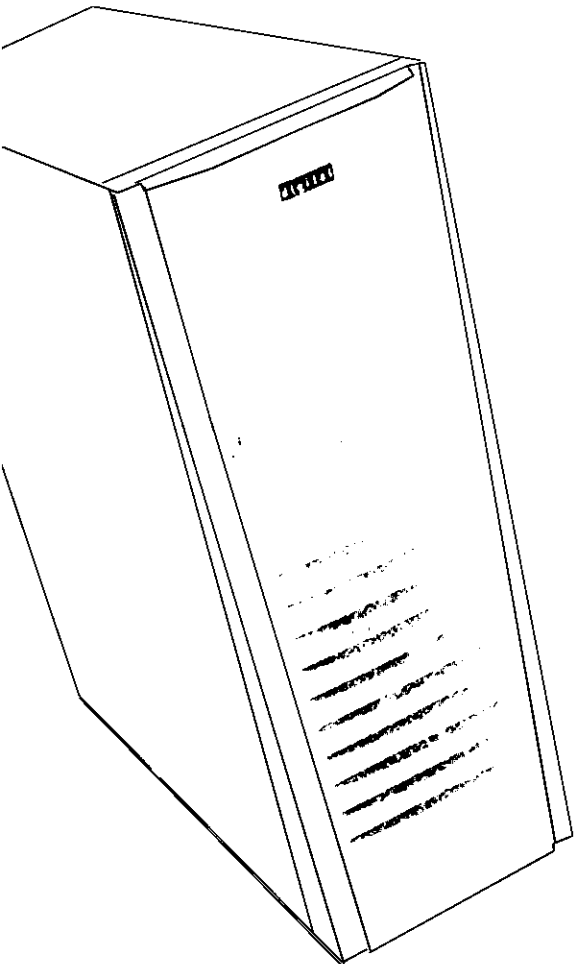


# DIGITAL Server 7300/7300R



The DIGITAL™ Server 7300/7300R surpasses all the functionality of today's midrange SMP servers and is a showcase of DIGITAL's unrivaled expertise in database technology, complex PCI-based SMP architectures, Windows NT® clustering, and advanced networking. The performance and capacity upgrade capabilities of the DIGITAL Server 7300/7300R provide a growth platform that will support development and migration through the next millennium.

## FEATURES

### Reliability and Availability

- Up to 8GB 64-bit VLM ECC memory.
- DIGITAL Clusters for Windows NT: support for the Microsoft Cluster Server component of Windows NT Server/Enterprise Edition.
- Up to 21 or 56 Hot-Swap bays.
- Support for multi-channel PCI RAID.

### Manageability

- DIGITAL ServerWORKS™ suite of manageability tools for simplified installation and management of networked servers.
- Integrated Remote Server Management processor.

### Performance

- Up to four 400MHz/533MHz 64-bit Alpha processors with 4MB L3 cache per processor.
- 1.1Gbps synchronous bus with eight backplane slots.
- Two 64-bit PCI channels for high-bandwidth I/O.

### Scalability

- Six available 64-bit PCI expansion slots with full 32-bit adapter compatibility.
- Up to 20 available drive bays (up to 55 available in rack models).
- Processor upgrades ensure easy growth path for future requirements.

## Features

### MODEL/PROCESSOR/SPEED

- DIGITAL™ Server 7300/7300R  
400MHz Alpha processor
- DIGITAL Server 7305/7305R  
533MHz Alpha processor

### SYSTEM MEMORY

- 128MB VLM ECC SDRAM standard, with support for up to 8GB

### CACHE MEMORY

- On-chip:
  - L-cache: 8KB
  - D-cache: 8KB
  - L2 cache: 96KB
- Off-chip:
  - L3 cache: 4MB

### SLOTS

- 8 total:
  - 8 PCI

### BAYS

#### Pedestal:

- 9 to 23 total:
  - 1 3.5" front-accessible low-profile (1.44MB diskette drive installed)
  - 1 5.25" front-accessible half-height (12x CD-ROM drive installed)
  - 7 3.5" Hot-Swap (expandable with 14 additional device bays)

#### Rack:

- 9 to 58 total:
  - 1 3.5" front-accessible low-profile (1.44MB diskette drive installed)
  - 1 5.25" front-accessible half-height (12x CD-ROM drive installed)
  - 7 3.5" Hot-Swap (expandable with 49 additional device bays)

### EXTERNAL PORTS

- 1 enhanced parallel (ECP/EPP)
- 2 buffered 16550-compatible serial
- 1 SVGA graphics
- 1 keyboard
- 1 mouse

### GRAPHICS

- Embedded S3™ Trio PCI graphics controller with 1MB VRAM standard
- Supports 800 x 600 x 16K colors; 1024 x 768 x 256 colors

### SCSI INTERFACE

- Integrated 2-channel PCI Ultra-Wide SCSI controller

### NETWORKING

- Embedded PCI Fast Ethernet 10/100 for 10Base-T

### CERTIFIED OPERATING SYSTEMS

- Windows NT® Server 4.0, Windows NT Server 4.0/Enterprise Edition

### POWER SUPPLY

- 450W autosensing, self-switching
- 110/220V (5V/3.3V output)
- Two optional redundant power supplies

### DIMENSIONS

- Pedestal
  - Height: 29.5" 75cm
  - Width: 19.3" 49cm
  - Depth: 35.4" 90cm
  - Weight: 250 lb 113.6kg
- Rack
  - Height: 67.0" 170cm
  - Width: 23.6" 60cm
  - Depth: 35.4" 90cm
  - Weight: 932 lb 423.6kg

### MULTILEVEL SECURITY

- Chassis lock
- Power-on, set-up, and supervisor passwords
- Diskette drive boot control
- Multi-boot for choice of boot device
- Diskette drive write control
- Flash ROM protection
- Hard and floppy disk read lock

### MANAGEABILITY

- DIGITAL ServerMaker configuration tool
- DIGITAL ServerWORKS™ Manager, which includes ServerWORKS workgroup administrator, ServerWORKS Manager application, and SNMP agents to manage Microsoft® Windows NT
- Intelligent Server Management monitors critical subsystems
- Integrated remote systems management processor

### REGULATORY CERTIFICATIONS

- UL-listed to UL1950 (2nd edition); CSA certified to CAN/CSA-C22.2 No. 950-M89; TUV EN 60950; VDE 0805; GS-marked ZH1/618; FCC 15J Part 15, Class B-verified; CE Class B-verified; VCCI Class II ITE; AS 3260 Australian standard; SS 436 14 50 Swedish standard; NZS 6661:1998 New Zealand standard; EN 60 950:1992 European norm; IEC 950 (2nd edition)

### WARRANTY

- Three-year, on-site, next-business-day response, upgradable to same-day or 4-hour

## Options

### PROCESSOR UPGRADES

- Processor upgrades from single to quad processors

### SYSTEM MEMORY

- 128MB, 512MB, 1GB, and 2GB ECC SDRAM upgrade kits

### DISKETTE DRIVE

- 3.5": 1.44MB

### CD-ROM DRIVE

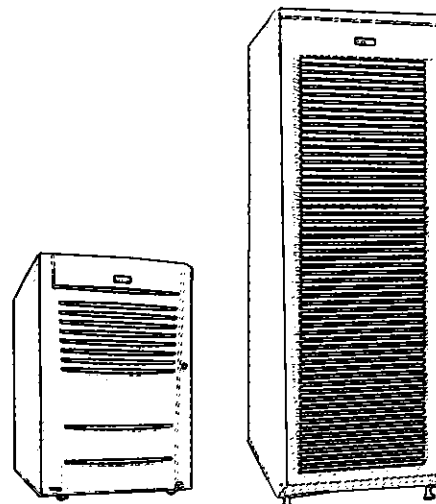
- 5.25" 12x SCSI CD-ROM drive

### HARD DISK DRIVES

- Ultra-Wide SCSI SBB: 2GB, 4GB, 9GB, 18GB

### TAPE DRIVES

- QIC: 2.5/5GB SCSI
- DAT: 4/8GB, 12/24GB SCSI
- DLT: 15/30GB, 35/70GB SCSI



Pedestal

Rack

### SCSI ADAPTER

- Adaptec PCI 2940UW Ultra-Wide host adapter
- Adaptec PCI 3940UW Ultra-Wide host adapter
- IntraServer PCI ITI-4280UE Ultra-Wide/Fast Ethernet host adapter

### RAID CONTROLLERS

- PCI RAID—1-channel
- PCI RAID—3-channel
- PCI RAID—Cache battery backup

### NETWORK INTERFACE CARDS

- PCI Ethernet, PCI Fast Ethernet
- PCI FDDI

### DIGITAL CLUSTERS FOR WINDOWS NT

- Server Cluster Kit, which includes: DIGITAL Clusters for Windows NT software; expansion pedestal; SCSI controllers, cables, and termination; network cards and cables; ServerWORKS management software
- Second expansion pedestal for Server Cluster Kit

### MONITORS

- 800 x 600 @ 85Hz, NI auto-sync: 14" (13.2"V), 15" (13.8"V)
- 1024 x 768 @ 85Hz, NI auto-sync, TCO'95: 15" (13.6"V), 17" (15.7"V), 17" (16.0"V)
- 1280 x 1024 @ 85Hz (1600 x 1200 @ 75Hz), NI auto-sync, TCO'95: 19" (18"V), 21" (19.6"V)

### COUNTRY ACCESSORY KIT

- Keyboard, mouse, power cord, and documentation

Designed for



For more information about DIGITAL's NT-optimized products,

call 1-800-722-9332 or visit us at [www.windows.digital.com](http://www.windows.digital.com)

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