d i g i t a l

DIGITAL
Server 5300

The DIGITAL™ Server 5300 is the performance leader in the

DIGITAL Server 5000 Series. Unparalleled reliability comes

standard, with built-in sensing and monitoring features,

integrated management software, the added fault-tolerance

of ECC memory, and industry-leading failover capability with

optional DIGITAL Clusters for Windows NT®. With the awesome

power of the 64-bit Alpha™ processor, the DIGITAL Server 5300

is 64-bit Windows NT-ready and beats the competition for

resource-intensive applications.

FEATURES

Reliability and Availability

- Maximum system uptime and availability, with ECC memory and cache, dual power supplies, seven Hot-Swap bays, and support for multi-channel PCI RAID, DIGITAL Clusters for Windows NT, and Microsoft® Cluster Server (NTS/E).

Manageability

- DIGITAL ServerWORKS™ suite of manageability tools for simplified installation and management of networked servers.

- Utmost in user security with multi-level server security features.

Performance

- High-speed computing power of the 400/533MHz 64-bit Alpha processor with 4MB external cache, up to 2GB ECC memory, integrated PCI Fast Ethernet and 2-channel Ultra-Wide SCSI-2 controller.

Scalability

- High-capacity I/O with 64-bit PCI bus at 500Mbps aggregate bandwidth.

- Seven available Hot-Swap drive bays, plus 2 RMD.

- Upgradable to dual processors.

digital

Features

MODEL/PROCESSOR/SPEED
- DIGITAL™ Server 5300
  400MHz Alpha™ processor
- DIGITAL Server 5305
  533MHz Alpha processor

SYSTEM MEMORY
- 64/256MB ECC memory standard, with support for up to 2GB ECC

CACHE MEMORY
- On-chip:
  - I-cache: 8KB
  - D-cache: 8KB
  - L2 cache: 96KB
- Off-chip:
  - L3 cache: 4MB

SLOTS
- 6 total:
  - 5 PCI
  - 1 PCI/EISA

BAYS
- 10 total:
  - 1 3.5" front-accessible low-profile (1.44MB diskette drive installed)
  - 2 5.25" front-accessible half-height (CD-ROM drive installed)
  - 7 3.5" Hot-Swap

EXTERNAL PORTS
- 1 enhanced parallel (ECP/EPP)
- 2 high-speed 16550-compatible serial
- 1 keyboard
- 1 mouse
- 1 Ultra SCSI VHDCI port

GRAPHICS
- Integrated SVGA graphics controller with 1MB DRAM standard
- Supports 1024 x 768 x 16K colors

SCSI INTERFACES
- Integrated PCI Fast SCSI-2 controller (supports CD-ROM only)
- Ultra-Wide SCSI disk controller (occupies one slot with NIC)
- Ultra SCSI Bus Extender card included

NETWORKING
- Integrated PCI Fast Ethernet (10/100) with daughter-card options for 10/100Base-T (shares one slot with SCSI controller)

CERTIFIED OPERATING SYSTEM
- Windows NT® Server 4.0

POWER SUPPLY
- Dual 450W autosensing, self-switching
- 110/220V (5V/3.3V output)

DIMENSIONS
- Height: 18.1" 46cm
- Width: 14.4" 35.8cm
- Depth: 23.1" 58.6cm
- Weight: 113 lb 51kg (maximum)

MULTILEVEL SECURITY
- Chassis lock
- Password-protected console and BIOS
- Multi-boot for choice of boot device
- Flash ROM protection
- Mechanical pad locking tab

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 Management Console (RMC) enables users to monitor and control systems remotely

ENVIRONMENTAL EXCELLENCE
- Designed for upgradeability, long life, and recycling ease. Worldwide product take-back service.

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

Options

SYSTEM MEMORY
- 64 and 256MB ECC DIMM 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

SCSI ADAPTERS
- 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

GRAPHICS OPTIONS AND UPGRADES
- PCI S3™ 1MB
- Matrox Millennium II
- 4MB memory for Matrox Millennium II

DIGITAL CLUSTERING SOLUTIONS
- Support for Microsoft Cluster Server (NTS/E)
- Support for DIGITAL Clusters for Windows NT
- DIGITAL Enterprise Clusters for Windows NT—to expand capabilities of Microsoft Cluster Server
- Server Cluster Kits, which include storage array with RAID controllers; Ultra SCSI or Fibre Channel adapters, cables, and terminators; network cards and cables; ServerWORKS management software

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)

SUPPLEMENTAL SERVICES
- Upgrade service packs available including same-day, 4-hour, and 2-hour response

For more information about DIGITAL products for Windows NT,

call **1-800-722-9332** or visit us at **www.windows.digital.com**

Microsoft® Windows NT®

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