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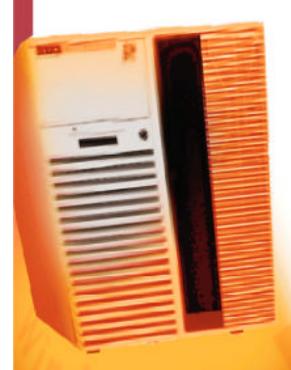
DIGITAL
Server 7100/7100R

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 environ-ments, or in LANs

that require continuous access to resource-intensive

applications, DIGITAL Server 7100/7100R systems define the

industry standard for performance.

FEATURES

Reliability and Availability

- ECC memory, Hot-Swap drives, redundant Hot-Swap cooling and power supplies, support for multi-channel RAID, support for Microsoft® and DIGITAL cluster solutions, Intelligent Server Management with predictive alerting and asset management.

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

- One to four 200MHz Pentium® Pro processor (true SMP) configurations; 512KB or 1MB on-chip cache; standard dual-channel Ultra-Wide SCSI-3 host adapter; and integrated 32-bit graphics for high-performance I/O and network throughput.

Scalability

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

Features

MODEL/PROCESSOR/SPEED
- DIGITAL™ Server 7100/7100R
  200MHz Pentium® Pro processor/512KB
- DIGITAL Server 7105/7105R
  200MHz Pentium Pro processor/1MB*

SYSTEM MEMORY
- 128MB EDO ECC memory standard, with support for up to 4GB EDO ECC

CACHE MEMORY
- 16KB primary cache
- 512KB or 1MB L2 cache per processor

SLOTS
DIGITAL Server 7100/7105:
- 12 total (7 PCI, 1 PCI/EISA, 4 EISA)
DIGITAL Server 7100R/7105R:
- 11 total (7 PCI, 1 PCI/EISA, 3 EISA)

BAYS
DIGITAL Server 7100/7105:
- 11 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)
  - 2 5.25" half-height
  - 7 3.5" Hot-Swap for Storage Building Blocks
DIGITAL Server 7100R/7105R:
- 8 total:
  - 1 3.5" front-accessible half-height (1.44MB diskette drive installed)
  - 1 5.25" front-accessible half-height (12x CD-ROM drive installed)
  - 1 5.25" half-height
  - 5 3.5" Hot-Swap for Storage Building Blocks

EXTERNAL PORTS
- 1 enhanced parallel (ECP/EPP)
- 2 high-speed 16550-compatible serial
- 1 SVGA graphics
- 1 keyboard
- 1 mouse
- 10 Ultra-Wide SCSI knockouts (7100/7105) or 8 Ultra-Wide SCSI knockouts (7100R/7105R)

GRAPHICS
- Integrated S3™ Trio 64/V2 graphics controller with 1MB DRAM standard
- Supports 800 x 600 x 16.7 million colors†; 1024 x 768 x 256 colors

SCSI INTERFACES
- Integrated two-channel PCI Ultra-Wide SCSI-2 controller

CERTIFIED OPERATING SYSTEMS
- Windows NT® Server 4.0; Windows NT® Server Enterprise Edition 4.0; Novell® IntranetWare (NetWare® 4.11 included); SCO® UNIX® Open Server 5.02; SCO UNIXWare 2.1.2; IBM OS/2® Warp 4.0; Banyan® VINES™ 7.0

POWER SUPPLY
DIGITAL Server 7100/7105:
- Two 450W autosensing, 110/220V: power sharing with failover
DIGITAL Server 7100R/7105R
- One 450W autosensing, 110/220V: optional second and third 400W for expansion and N+1 redundancy

DIMENSIONS
DIGITAL Server 7100/7105:
- Height: 20.16" 51.2cm
- Width: 14.64" 37.2cm
- Depth: 23.31" 59.2cm
- Weight: 60 lb 27kg
DIGITAL Server 7100R/7105R:
- Height: 12.25" 31.12cm
- Width: 17.75" 45.1cm
- Depth: 26.0" 66cm
- Weight: 110 lb 50kg

MULTILEVEL SECURITY
- QuickLock BIOS password
- Diskette lockout
- Keyboard lockout
- Key lock on chassis

MANAGEABILITY
- DIGITAL ServerWORKS™ Manager, which includes ServerWORKS workgroup administrator, ServerWORKS Manager application, and SNMP agents to manage Microsoft® Windows NT, Windows NT Enterprise Edition, Novell IntranetWare, SCO UNIXWare, and SCO OpenServer
- Intelligent Server Management monitors critical subsystems
- DIGITAL Quick Launch for easy installation of operating system

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

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

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

Options

SYSTEM MEMORY
- 128, 256, 512MB and 1GB EDO ECC DIMM upgrade kits

  * *DIGITAL Server 7105 pedestal 1MB cache models are equipped with two standard processors and are only upgradable to four processors.*
  † *Achieved with true color drivers available with operating system.*

Pedestal   Rack

STORAGE DRIVES
- 3.5": 1.44MB diskette drive
- 5.25" 12x SCSI CD-ROM drive
- Ultra-Wide SCSI SBB hard disk drives: 2GB, 4GB, 9GB, 18GB; 4GB 10,000 RPM
- QIC tape drive: 2.5/5GB SCSI
- DAT tape drive: 4/8GB, 12/24GB SCSI
- DLT tape drive: 15/30GB, 35/70GB SCSI

SCSI ADAPTERS
- Adaptec PCI 2940UW Ultra-Wide host adapter
- Adaptec PCI 3940UW Ultra-Wide host adapter
- Adaptec PCI 2944UW Ultra-Wide differential host adapter

RAID CONTROLLER
- PCI RAID—1-, 2-, and 3-channel
- PCI RAID—Cache battery backup

NETWORK INTERFACE CARDS
- PCI Ethernet, PCI Fast Ethernet
- PCI FDDI

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

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For more information about DIGITAL's products for Windows NT,

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

Designed for Microsoft® Windows NT™

intel inside PENTIUM PRO

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