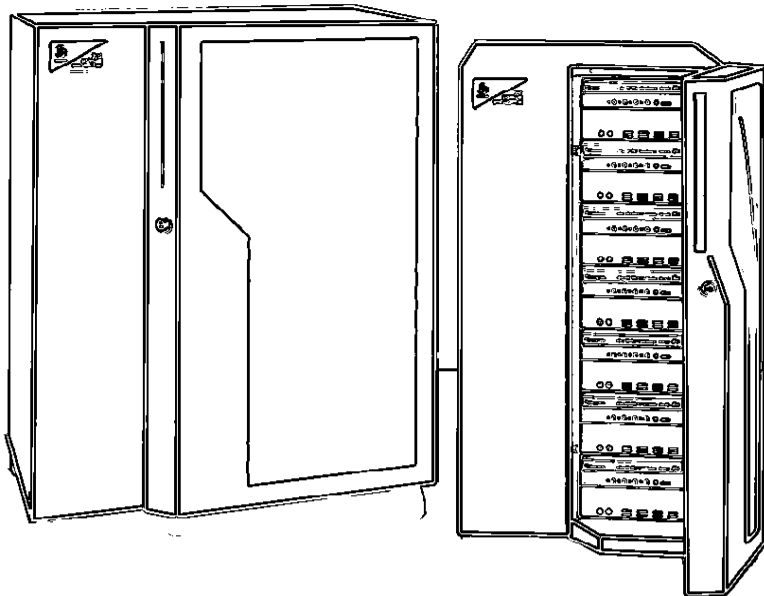


# CD Net® Ultimate Servers

## Network CD ROM Servers with Hard Disk Drive Performance



or rack-mount enclosures. Tower models feature a locking door and Meridian's exclusive EZ-Dock drive bay design for easy addition or replacement of drives. The rack-mount solution offers separate CPU and storage modules for the maximum in configuration flexibility. Hot-swappable power supplies, hot-swap drives and alarms are optional.

### Scales to Fit Any Requirement

CD Net Ultimate Servers offer flexible configuration, from single units suitable for individual departments and remote offices to entire enterprise environments. And Meridian's CD Net management software allows you to manage one or many CD servers as a single storage system with a single set of graphical tools.

### Compact Size

CD Net Ultimate Servers pack high performance into a small package, requiring only half the space of traditional CD ROM networking products. The compact size is ideal for crowded server rooms where space can be at a premium.

### Single-Vendor Solution and Support

Meridian introduced the first network CD ROM system in 1988, and today there are millions of installed seats using our technology. CD Net Ultimate Servers offer you a modular and complete system family from a single vendor with a long-term perspective. We back up our products with our no-nonsense warranty and world-class technical support, consistently rated the best in the business.

**C**D Net® Ultimate Servers provide a complete server solution offering the performance of high-speed hard disk drives for CD-based information. This breakthrough capability allows more users to access CD ROM data at higher speeds than ever before, supporting the needs of an enterprise network or the specialized needs of intensive use environments such as networked multimedia applications.

### Ultimate Cache & Ultimate Performance

CD Net Ultimate Servers utilize a breakthrough cache technology that offers up to 1200% greater throughput than traditional CD ROM network systems. CD Net Ultimate cache modules automatically migrate CD-based information to a dedicated hard disk drive whenever a new CD ROM is inserted. The process is automatic, the system remains available to users and no operator intervention is required after inserting the CD ROM. Once

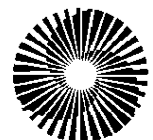
cached, performance is outstanding with access times less than 10ms, burst throughput up to 20MB/s and sustained throughput as high as 8MB/s from each cache module equivalent to 53x performance. Each CD Net Ultimate cache module supports 4 CD ROMs.

### High-Performance Server

In addition to the accelerated data transfer provided by cache modules, CD Net Ultimate servers deliver a total solution including a high-performance Pentium processor, fast Ethernet 100Mb network adapter, large-system hard drive and substantial memory. Choose from Meridian's leading CD ROM networking and management software technology products for Novell NetWare, Microsoft Windows NT Server or your intranet to complete the system.

### Tower or Rack-Mount

CD Net Ultimate Servers are available in your choice of tower



MERIDIAN

# CD Net® Ultimate Servers

## Specifications

Enclosures	Tower-14	Tower-28	Rack Mount
General Description	14-bay tower complete with server electronics and all internal cabling; accommodates up to 28 CD-ROMs; locking door & cooling fan	28-bay tower complete with server electronics and all internal cabling; accommodates up to 56 CD-ROMs; locking door & cooling fan	Separate electronics and storage modules suitable for 19" rack; server module is standard with hot-swap redundant power and alarms; drive modules accommodate up to 16 CD ROMs and are available with optional hot-swap drives, hot-swap and redundant power; 19" rack mount enclosure not included
Dimensions (WxDxH, max)	37x38x67cm (14.5x16.5x26in)	117x42x72cm 21.7x16.5x28.2in)	Server Module: 52x53x22cm (5U) (20.4x20.5x8.8in) Basic Drive Module: 52x53x22cm (5U) (20.4x20.5x8.8in) Hot-Swap Drive Module: 52x53x18cm (4U) (20.4x20.5x7.0in)
Weight (max)	91kg (200 lbs)	127kg (279 lbs)	Server Module: 23kg (51 lbs) Basic Drive Module: 27kg (59 lbs) Hot-Swap Drive Module: 29kg (64 lbs)
Power Dissipation	300 watts	500 watts	Server Module: dual 300 watts Basic Drive Module: 300 Watts Hot-Swap Drive Module: dual 300 watts
Power Input Rating	All systems: 110/220 VAC, 50-60 Hz		

Server Electronics	Basic Module	Hot-Swap Module
Standard Contents	Pentium processor, 1.0GB EIDE hard disk drive, 3.5" 1.44MB floppy drive, PCI dual-channel SCSI host adapter, PCI auto-sensing 100-BASE-TX & 10-BASE-T Ethernet controller; connectors provided for VGA display, PS/2-style keyboard and mouse (display, keyboard and mouse not included)	
Standard Memory	64MB upgradable to 128 MB	32 MB upgradable to 128 MB

Ultimate Storage Module	
Average Access Time	Less than 10ms
Sustained Data Transfer Rate	Up to 8MB/sec (53X)
Burst Data Transfer Rate	Up to 20MB/sec (133X)
Storage Capacity	Holds four 12cm CD ROM discs (2.5GB); all CD ROMs 100% cached
Loading Mechanism	Direct disc load
Form Factor	Designed to mount in two vertically adjacent 5.25" half-height external drive bays
Power Requirements	+5V and +12V DC inputs; 2.5A peak +5V, 1.9A peak +12V (35W peak power total, each cell)
CD Standards Supported	Yellow Book, CD ROM-XA, Photo CD, Multisession, CD-I Bridge

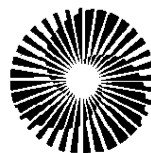
Regulatory and Safety	
Standards Supported	All systems: UL Listed. Certified to C-UL and CE. Complies with FCC Class A.

### All Systems Contain:

- CD Net® Ultimate Server hardware
- Hardware documentation
- External power cord
- Product registration and warranty card

### Options Include:

- Meridian's CD Net CD-ROM networking management software: CD Net for NetWare, CD Net for Windows NT, CD IntraNet
- SCSI host adapter kits
- Extended service plans



MERIDIAN

**Meridian Data, Inc.**  
Corporate Headquarters:  
5615 Scotts Valley Drive  
Scotts Valley, CA 95066  
Phone: 408/438-3100  
800/767-2537  
Fax: 408/438-6816  
<http://www.meridian-data.com>

The Meridian logo, CD NetROM and CD IntraNet are trademarks and CD Net is a registered trademark of Meridian Data, Inc. All other product names mentioned herein are trademarks or registered trademarks of their respective companies. Specifications subject to change without notice. Printed in the U.S.A. ©1997 Meridian Data, Inc. All rights reserved.