

Nothing Stands
Between You
and Your Data

Ultra E-8



Affordable High-Performance Network Storage System

THE MEGADRIVE™ ENTERPRISE™ ULTRA E-8 DISK ARRAY FROM DATADIRECT NETWORKS™ has been engineered from the ground up with creative environments and Enterprise networking in mind. It provides the high-performance of dual-bus Ultra Wide SCSI and RAID, plus the added benefits of mixed removable media.

At the heart of the Enterprise E-8 is an Ultra Wide SCSI backplane that accepts any combination of removable hard drive (3.5" and 5.25"), DLT, and DAT modules, allowing you to create a highly flexible data storage solution configured to meet your specific needs. You can swap drives between workstations, mix down or archive using DLT, exchange huge files with clients, or backup the entire office—all from a single rack or tower system.

For the ultimate in flexibility and upgradability, the Ultra E-8 has been designed so you can easily change the *removable interface module* at the back of the unit and still use the same drive modules—a DataDirect Networks exclusive. Ultra E-8 interface module options include:

- *Dual Single-Ended* module—supports up to four Ultra Wide drives per channel
- *Dual Single-Ended PLUS* module—supports up to eight Ultra Wide drives per channel (recommended for use with the native single-ended Ultra SCSI bus in the Silicon Graphics O2 and Octane systems)
- *Dual Differential* module—accommodates longer cable lengths, daisy-chaining, as well as support for more than eight Ultra Wide drives per channel
 - *Dual Differential-Enhanced for Silicon Graphics* module—intended for use with SGI Octane, Origin, and Onyx 2 systems
 - Upgrade to Ultra SCSI or Fibre Channel Hardware-based RAID



And, as the foundation of the Enterprise Family, the Ultra E-8 can be cost-effectively upgraded to the fault-tolerant EV-200™ RAID System via the simple installation of a *RAID Upgrade Module*—another unique feature only available from DataDirect Networks. The Ultra E-8 can also be seamlessly upgraded into an EV-1000™ RAID System, DataDirect Networks' ultra high-performance, hardware-based Ultra SCSI or Fibre Channel RAID array.

The Enterprise Family from DataDirect Networks is comprised of a comprehensive set of powerful, flexible, and highly cross-scalable storage solutions for image-intensive applications which require high-performance, high data availability, massive scalability, and maximum investment protection. The multiple award-winning Enterprise E-8, introduced in 1995, forms the foundation for DataDirect's industry-leading Enterprise Family of storage solutions. In three short years, the Enterprise E-8 disk array has become the de facto storage standard in Digital Media and imaging environments, with an installed base of well over **five hundred terabytes** of stored images and data, and is fast becoming a standard in Enterprise-wide networking as well.

By following the DataDirect Networks Technology Roadmap, all DataDirect customers have access to an upgrade path that offers the highest levels of expandability and scalability in the industry. DataDirect is the only manufacturer that offers an upgrade path from an Ultra SCSI JBOD (**Just a Bunch of Drives**) solution all the way to Fibre Channel hardware-based RAID, while always maintaining your initial storage investment.

The Enterprise Family represents a complete range of high-performance, fault-tolerant, modular storage solutions providing unbeatable performance today with unlimited upgrade potential tomorrow.

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SPECIFICATIONS:

Interface:

Dual Ultra Wide SCSI host interface

Performance Data Rate:

Up to 40MB/sec sustained uninterrupted throughput per channel, Up to 80MB/sec striped

Array Capacity:

184GB maximum capacity per enclosure (46GB 5.25" drive modules)

Drive Capacity:

2.1GB, 4.2GB, 9GB, 18GB, and 46GB

Drive Support:

3.5" (7200RPM and 10,000 RPM) and 5.25" (5400RPM) removable hard drive, DLT, and DAT drive modules in the same array - maximum 8 modules

Software-based RAID:

RAID (0, 1, 0+1) software for Windows NT, SGI, and Sun Solaris resides in host operating system. High-performance RAID 0, 1, 0+1, and 5 software for Macintosh systems is available from DataDirect Networks.

MTBF (POH) drives:

Up to 800,000 hours

Certification:

FCC, UL, CUL, and CE

DIMENSIONS:

E-8 Tower

Height/ Width/ Depth: 17.3" / 7" / 14"
Weight (w/o drive modules): 25 lbs.

E-8 Rackmount

Height/ Width/ Depth: 7" / 17.3" / 14"
Weight (w/o drive modules): 25 lbs.

3.5" Drives

Height/ Width/ Depth: 2.0" / 4.75" / 8.5"
Weight: 2.75 lbs.

5.25" Drives

Height/ Width/ Depth: 4.0" / 6.0" / 10.5"
Weight: 14.0 lbs.

POWER REQUIREMENTS:

Voltage/AC: 83-245V @ 47-63Hz
Power (idle, max): 140W @ 120V; 200W @ 120V

Operating Environment

Temperature / Humidity: 5 to 35 C / <20%

Non-operating Environment

Temperature / Humidity: -20 to 85 C / <80%

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