

Nothing Stands  
Between You  
and Your Data

# EV-200



*Affordable RAID Reliability for Medium-sized Workgroups*

**THE MEGADRIVE™ EV-200™ NETWORK RAID SYSTEM FROM DATADIRECT NETWORKS™** is a state of the art hardware RAID storage solution that is the next-generation replacement to the highly successful MR/MK/MX series product lines. Delivering Ultra Wide SCSI performance of up to 40MB/sec and providing the full fault tolerance benefits of hardware RAID, the EV-200 is ideally suited to meet the most demanding requirements of Digital Media and Enterprise Networking environments.

With an optimal balance of exceptional performance, high data availability, and superior scalability, the EV-200 RAID System is the most cost-effective, hardware-based RAID storage solution available for today's image-intensive applications. Designed to meet the needs of demanding, high-bandwidth environments, the EV-200 is the perfect solution for image-intensive applications that require a combination of high-performance and capacity, coupled with superior data availability.

#### **PERFORMANCE:**

To transfer large graphics, imagery, and video files at high speeds, the EV-200 utilizes an Ultra SCSI interface that supports data transfer rates up to 40MB/sec, and an advanced hardware RAID controller that provides excellent RAID 3 and RAID 5 performance. Plus, with multi-streaming capabilities, the EV-200 allows users to stream either small or large files at high speeds, making it an ideal solution for small desktop and network-attached workgroup environments.

#### **CAPACITY:**

The EV-200 is designed to fit your performance and budget requirements today, with the flexibility to increase capacity and performance in the future. Start with an entry-level 16GB configuration, and cost-effectively expand your system's capacity by daisy-chaining a Megadrive E-8 SE+ disk array. In this tower-set configuration, the EV-200 can support up to 252GB of fault-tolerant, RAID storage, keeping pace with the growing requirements of your business.



#### **COMPATIBILITY:**

The EV-200 is compatible with a wide range of systems and workstations including Macintosh, Windows NT, and RS/6000 as well as workstations from Silicon Graphics, Sun Microsystems, and most workstations and servers.

#### **DATA INTEGRITY:**

Fully redundant, hot swappable drives, power supplies, and cooling fans can easily and quickly be replaced without an interruption to system operation. For added fault-tolerance, the EV-200 can also be configured with an optional global hot spare, providing automatic, unattended disk rebuild, replacing any failed disk within the array.

#### **FIELD PROVEN:**

Already in thousands of post-production, imaging, and prepress facilities around the world, digital media professionals have already discovered the benefits of integrating DataDirect Networks technology within their demanding, image-intensive environments. The EV-200 RAID System is based on DataDirect Networks' industry-leading Enterprise technology, which provides the greatest scalability and investment protection available in the industry.

Twice the speed of the previous generation, the MegaDrive Family of network storage products from DataDirect Networks offers you the fastest performance in Fibre Channel or Ultra2 SCSI technology. From the desktop E-8 LVD with 160MB/sec. throughput to the EV-5000 Fibre Channel Network RAID System with 200MB/sec. system performance capable of scaling to 2GB/sec., the MegaDrive Family comprises the fastest, cross-scalable storage solutions for image-intensive applications, Internet applications and heavy-duty on-line transaction processing (OLTP).

By following the DataDirect Networks' Technology Roadmap of doubling performance every year, all DataDirect Networks customers have access to an upgrade path that offers the highest levels of availability and scalability in the industry while maintaining your initial storage investment. This performance growth path has in three short years made the MegaDrive E-8 the de facto storage solution in Digital Media, imaging, and high performance network computing. And doubling in performance every year, the MegaDrive Family of high-speed network storage solutions is fast becoming a standard in Enterprise-wide networking as well.

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

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## SPECIFICATIONS

### Interface:

Single-ended or Differential Ultra Wide SCSI host interface and an RS-232 control interface (*serial cable to host included*)

### Performance Data Rate:

Up to 40MB/sec data transfers

### Standard Capacity:

144GB maximum capacity  
(18GB 3.5" drive modules)

### Tower-set Capacity:

Daisy chainable for up to 252GB of continuous online storage with 18GB 3.5" drive modules

### Drive Capacity:

4GB, 9GB, and 18GB

### Drive Support:

3.5" (7200RPM and 10,000RPM) removable hard drives: maximum fourteen 3.5" drive modules supported in *tower-set* configuration (*minimum of 2 drive modules required*)

### RAID Level Support:

0, 1, 0+1, 3, and 5: mix and match RAID levels with any level per LUN

### RAID Management Support:

RAID Manager software allows monitoring and configuring of all events within EV-200 RAID System. Graphical User Interface (GUI) feature standard for Windows NT, SGI and Sun.

### LUN Support:

Multiple LUN's per drive group, up to eight

### Communication Support:

TCP/IP and SNMP or configurable via any terminal that supports VT-100 emulation

### MTBF (POH) Drives:

Up to 800,000 hours

### Certification:

FCC, UL, CUL, and CE

## DIMENSIONS:

### EV-200 Tower

Height/ Width/ Depth: 17.3"/ 7" /18.3"

Weight (*without drives*): 25 lbs.

### 3.5" Drives

Height/ Width/ Depth: 2.0"/ 4.75"/ 8.5"

Weight: 2.75 lbs

## POWER REQUIREMENTS:

Voltage: 83-245 V @ 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%

For an authorized dealer near you, call

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