DIGITAL Sprite LITE

Zero-D RAID

High capacity, long term, hard disk storage options.

Zero-D RAID is a high capacity external hard disk option that provides additional long-term storage capabilities for Dedicated Micros Digital Sprite Lite. When you connect one or more RAID devices, Digital Sprite Lite automatically detects all of the available capacity as one large space, which gives users instant access to long term storage and removes the need for frequent operator intervention.

Increased storage capacity

Each Zero-D RAID gives Digital Sprite Lite users up to 5 weeks extra storage (at 6pps & 18KB file size with 375GB capacity).

Easy set-up and use

The RAID simply connects to the back of Digital Sprite Lite's SCSI port. Digital Sprite Lite then sees all the storage capacity as one large disk space, allowing images to be retrieved and viewed as if they were held on the product itself, using Digital Sprite Lite's powerful go-to and event search capabilities.

Ability to recover data

Zero-D RAIDs come pre-configured at RAID level 5, which gives you the extra assurance that in the unlikely event of disk failure, your data is copied onto the other RAID disks for instant retrieval. Disks can also be hot swapped without affecting recording.

Choice of storage options

Zero-D RAIDs have six bays, come in a choice of tower or rackmount and have different disk capacities, currently ranging from 150GB to 375GB. Please contact customer services or visit our website – www.dedicatedmicros.com - for the latest available disk capacities.

Multiple RAID option

Each Digital Sprite Lite can have up to a maximum of seven external devices. For example, six RAIDs and one other storage device, such as an Iomega Zip, can give an extra 2,250GB capacity, the equivalent to more than 34 weeks extra storage.

Example capacities

Capacity per RAID subsystem using RAID 5:

Capacity	Disks
150GB useable	(using 6 x 30GB disks)
225GB useable	(using 6 x 45GB disks)
300GB useable	(using 6 x 60GB disks)
375GB useable	(using 6 x 75GB disks)

Please contact DM for the latest available disk capacities

features

- RAID LEVELS 0,1,5
- PRE-CONFIGURED AT RAID LEVEL 5
- DUAL HOT SWAP POWER SUPPLIES
- 4 X HOT SWAP FANS
- AUTOMATIC ASSIGNMENT OF HOT STANDBY DRIVES
- AUTOMATIC START OF DISK REBUILD
- ULTRA WIDE SCSI HOST CHANNEL
- 6 X ULTRA DMA CHANNELS THAT CONNECT UP TO 6 x 1" HIGH DRIVES
- 32MB CACHE
- SCSI TRANSFER RATE: 40MB/SEC (ULTRA WIDE SCSI)
- ULTRA DMA TRANSFER RATE: 33MB/SEC

Rackmount

Tower

data sheet

Specification

COMPATIBILITY
Any ULTRA WIDE SCSI platform. Certified for WinNT, MAC, SUN, SGI, HP and IBM.

CONFIGURATIONS
Zero-D RAID Tower - Desktop tower
Zero-D RAID Rack - 19" Rack (4U high)

DIMENSIONS
Tower: 350mm (H) x 175mm (W) x 310mm (D)
Rack: 483mm (W) x 175mm (H) x 400mm (D)

WEIGHT
Tower: 11.5kgs (w/o disk drive)
Rack: 15kgs (w/o disk drive)

POWER SUPPLY
Capacity: Dual 250W independent power supplies
AC Input Voltage: 110 / 230v (+/- 10%), 60/50Hz

RELATIVE HUMIDITY
10% to 85% Non-condensing.

TEMPERATURE RANGE
Operating: 5°C ~ 40°C.

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Zero-D

www.dedicatedmicros.com

FOR FURTHER INFORMATION CONTACT

All dimensions given in millimetres/inches   REF: DM02/01

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