

Dot Hill 2130

Expansion Array for 3.5" Drives



Built in Redundancy

- Redundant, hot swappable power units, IO modules, and fans make maintenance easy
- Hot swappable drives

Form Factor

- 2 rackunit
- Supports 3.5 inch SAS, SATA, or SSD storage drives
- 602mm depth

Simple, Low-cost Expansion Array

As your need for storage increases, Dot Hill provides an easy to deploy and cost effective way to extend your fibre channel, SAS or iSCSI SAN. The 2130 expansion unit can be quickly deployed to add twelve more drives of capacity. A total of four JBOD expansion units can be added.

The 2130 JBOD expansion unit can support an additional 12 drives and easily expands the capacity of a customer's SAN. The 2130 JBOD array is controlled by the RAID controller of the primary unit and allows SAN expansion at a lower cost than a full RAID array.

The 2130 JBOD units can be easily added using a 3Gb SAS connection to the main controller unit. The additional array is then managed through the RAIDar 2.0 GUI interface.

Use With...

The 2130 JBOD expansion units can be deployed with Dot Hill's 3.5-inch RAID storage arrays:

2330 iSCSI Storage Array
2332 iSCSI Storage Array
2530 SAS Storage Array
2532 SAS Storage Array

2730 Fibre Channel Storage Array
2730T Fibre Channel Storage Array
2732 Fibre Channel Storage Array
5730 Fibre Channel Storage Array

3530 6Gb SAS SAS Storage Array
3730 8Gb Fibre Channel Storage Array
3930 Fibre Channel, iSCSI Hybrid Storage Array

Dot Hill 2130 specifications

■ GENERAL

Product Family	2000 Series
Product Type	JBOD
Chassis Configuration	2U
Disk Architecture	3Gb SAS/3Gb SATA-II
Max Drives per Chassis	12 drives
Total Disks	56
Mounting Options	19" Rack, Telco Rack, Rack tray
Max Number of Chassis	5 (1 RAID and 4 JBOD)
Max Capacity per Chassis	24TB (2TB SATA-II drives)

■ DRIVES

Max Number of Drives	56
Drive Options	3Gb SAS 146GB 15K RPM 3Gb SAS 300GB 15K RPM 3Gb SAS 450GB 15K RPM 3Gb SATA-II 500GB 7200 RPM 3Gb SATA-II 750GB 7200 RPM 3Gb SATA-II 1TB 7200 RPM 3Gb SATA-II 1TB 5400 RPM 3Gb SATA-II 2TB 5400 RPM

■ RAID SUPPORT

Levels Supported	Non-RAID, 0,1,3,5,6,10, and 50
RAID Type	Hardware
Virtual disks per System	32
Volumes per virtual disk	128
Volumes per System	256

■ MANAGEMENT

SAS connect to RAID

■ POWER REQUIREMENTS - AC

Input Power Requirements	100-240VAC, 50/60 Hz, 4.5-1.9A
Max Input Power	475W maximum continuous
Heat Dissipation	1622 BTU/hour

■ POWER REQUIREMENTS - DC

Voltage	-39 to -72VDC, -48/-60V nominal
Max Input Power	500W maximum continuous
Heat Dissipation	1706 BTU/hour

■ TEMPERATURE AND HUMIDITY RANGES

Operating Temperature	41°F to 104°F (5°C to 40°C)
Shipping Temperature	-40°F to 158°F (-40°C to 70°C) Note: Derate 2°C for every km, up to 3000 meters
Operating Humidity	10% to 90% RH @ 104°F (40°C), non-condensing
Non-Operating Humidity	Up to 93% RH @ 104°F (40°C) non-condensing

■ DECLARED ACOUSTIC NOISE LEVELS

Sound Power	<6.03B Sound Power
Sound Pressure	<55dBA Sound Pressure

■ SHOCK AND VIBRATION

Shock, Operational	5.0G, 10ms, half sine
Shock, Non-Operational	15G 11ms, half sine
Vibration, Operational	0.21Grms Random 5Hz to 500Hz flat spectrum/feed forward
Vibration, Non-Operational	0.5G 1 octave/minute 5Hz to 500Hz to 5 Hz sine sweep 0.5Grms Random 20Hz to-1000Hz flat spectrum

■ HIGH-AVAILABILITY FEATURES

Redundant Hot-Swap Controllers	Yes
Redundant Hot-Swap Disk	Yes
Redundant Hot-Swap Fans	Yes
Redundant Hot-Swap Power	Yes
Dual Power Cords	Yes
Hot Standby Spare	Yes
Automatic Failover	Yes

■ REGULATORY

Safety	UL 60950-1:2003 (USA) CAN/CSA-C22.2 No.60950-1-03 (Canada) EN 60950-1 :2001 + A11 (EU) IEC 60950-1 :2001 (International)
Electromagnetic Compatibility	CFR 47 Part 15 Subpart B (U.S.A., Class A) ICES-003 Issue 4 (Canada, Class A) EN 55022 :98 +A1 +A2 (EU, Class A) EN61000-3-2:2000+A1,+A2,+A14 (Harmonics) EN 61000-3-3 :2001 (Flicker) EN 55024 :1998 +A1 (EU, Immunity) CISPR 22 :2005 (International, Class A) CISPR 24 :97 (International, Immunity)
RoHS and WEEE	RoHS-5 Compliance , China RoHS, WEEE
Country Approvals	Australia/New Zealand, Canada, China (PRC), European Union (EU), Germany (GS Mark), Japan, South Korea, Taiwan, United States

■ SUPPORT

Software Warranty	90 days
Standard Hardware Warranty	3 years
Environmental Monitoring	SNMP, CLI, RAIDar, SMTP
Phone-home Capability	Yes
Remote Diagnostics	Yes
Non-disruptive Updates	Yes
Non-disruptive Volume Expansion	Yes for primary volumes and snapshot volumes

■ PHYSICAL

Height	3.5 Inches / 8.9cm
Depth (excluding cables)	23.7 Inches / 60.2cm
Width	17.6 Inches / 44.7cm
Chassis Weight	44lbs. / 19.96kg
Chassis (w/250GB drives) Weight	65lbs. / 29.48kg

Specifications are subject to change at any time.

