



SANnet® II U320

SPECIFICATION SHEET

Leading the way: next-generation performance and unbeatable ROI.



spec

- Data rates up to 320MB/sec (Ultra-320 SCSI spec)
- 3.6TB base capacity that scales to over 10.8TBs
- Enterprise-class security and data protection
- NEBS Level 3, Mil-STD-810F and ETSI EN 300 019
- Windows, Linux and UNIX support (Cluster-certified)
- Redundant, hot swappable components
- Dual or single RAID controller or JBOD
- 100% RoHS and WEEE compliant

The SANnet II U320 delivers twice the data rates of the existing SCSI 160 standard while maintaining 100% backwards compatibility. The result is significantly increased application performance from existing servers, allowing organizations to extend the life of their current SCSI infrastructures and avoid the cost of transitioning to costly, complex network storage architectures.

Enterprise performance, capacity, features, quality and value.

The SANnet II U320 delivers best-in-class capacity, performance, quality and price. Enhanced security and data integrity features make it an ideal solution for upgrading storage performance and capabilities in highly-demanding, direct-attached storage SCSI environments.

Dot Hill makes storage easy.

Dot Hill is a proven leader in the storage industry, delivering first class, scalable and flexible storage solutions that deliver improved TCO and ROI. With our patented technology and award-winning families of storage and Dot Hill Storage Services, Dot Hill makes storage easy.

2x Performance.



SANnet II U320 Specifications

■ GENERAL

Product Family	SANnet II
Product Type	RAID, JBOD
Chassis Configuration	2U, 12 drives
Storage Architecture	U320
Total Capacity	3.6 Gb/10.8TB
Total Disks	36
Mounting Options	19" Rack, Telco Rack, Rack tray
Max Number of Chassis	3 (1 RAID and 2 JBOD)
Max Capacity per Chassis	3.6TB (300GB drives)

■ MODELS

Model Numbers	SANnet II U320 - 2RN - Dual Controller SANnet II U320 - 2QN - Single Controller SANnet II U320 - 2JN - JBOD
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■ HOSTS

Host Connection	2/4 Ports - U320 Ports
Interface Type	U320
External Ports	2/4 Dual Controller

■ DRIVES

Max Number of Drives	36
Drive Options	U320 73GB 10K/15K RPM U320 146GB 10K/15K RPM U320 300GB 10K RPM

■ RAID

Levels Supported	0,1,3,5,10, 30 and 50
RAID Type	Hardware
Cache Memory	512MB
Cache Backup	Yes, RoHS compliant Battery
Arrays per System	64
Partitions per Array	128
Volumes per System	1024
Controller Cache Size, Min./Max.	512MB/2Gb
Mirrored Cache	Yes
Battery Cache Backup	Yes
Flash Cache Backup	Yes

■ MANAGEMENT

Interface Types	9 Pin RS232, 10/100 Ethernet
Protocols Supported	SMI-S 1.02, SNMP
Management Consoles	Web GUI, CLI, API
Management Software	Dot Hill SANscape supports SNIA SMI-S

■ ELECTRICAL - AC INPUT

Voltage	100-240 VAC @ 50/60Hz, single phase
Current	5.0A max. per input
Power	460W

■ ELECTRICAL - DC INPUT

Voltage	-48 VDC or -60 VDC
Current	10A max per input
Power	460W

■ ENVIRONMENTAL - OPERATING

Temperature	5°C to 40°C (41°F to 104°F)
Humidity	10% to 90% RH @ 27°C/81°F, non-condensing
Altitude	-30m to 3048m (-100ft to 10,000ft)
Shock	5.0G, 11ms, half sine
Vibration	0.2G, 5-500Hz, sine
Noise	Less than LwAd 6.6B (65 dBA)
Heat	1100 BTU/hour

■ ENVIRONMENTAL - NON-OPERATING

Temperature	-40°C to 65°C (-40°F to 149°F)
Humidity	90% RH @ 38°C/100°F, non condensing
Altitude	-30m to 12,192m (-100ft to 40,000 ft)
Shock	15.0G, 1ms, half sine
Vibration	1G, 5-500Hz, sine

■ 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
Alternate Pathing	Yes

■ REGULATORY

Safety	UL Listed, UL 60950-2000, CSA-C22.2, EN No. 60950-00, IEC 60950, GS, GOST, S-Mark CISPR 22 55022:1998 Class B
Emissions	FCC Part 15 Class B, ICES-003, EN 300-386, EN 55022 Class B, VCCI Class B, AS/NZS 3548, Class B, BMSI Class B
Harmonics and flicker	EN 61000-3, EN 61000-3-3
Immunity	EN 300-386, EN 55024
Other	NEBS Level 3 (GR-63-Core; GR-1089-Core), MIL-STD-810F, ETSI EN 300 019
Environmental Support	RoHS Compliant, WEEE Compliant

■ SUPPORT

Software Warranty	2 Years
Standard Hardware Warranty	2 Years
Environmental Monitoring	Yes, via SMI-S, SNMP, CLI, API
Phone-home Capability	Yes
Remote Diagnostics	Yes
Non-disruptive Updates	Yes
Non-disruptive Volume Expansion	Yes for primary volumes

■ PHYSICAL

Height	8.75cm / 3.45 Inches
Depth	53.3cm / 21 Inches
Width	44.7cm / 17.6 Inches
Chassis Weight	27.2kg. /60lbs
Chassis w/ Drives Weight	34.0kg / 75lbs.



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