R&S®SpycerNode 5u84 Storage Server

Specifications

Description

The R&S®SpycerNode 5u84 is a storage server for media and entertainment applications. With its ideal size as a building block, it is easy to lift, install and deploy. IT managers appreciate features such as two-digit front panel shelf ID, activity and status indicators for all key components, alarms and lockable carriers. With the "no single point of failure" design, advanced data security and support for dual ported NL-SAS and dual ported SSD drives, the R&S®SpycerNode 5u84 is ready to fulfill a wide range of applications.

- Software-defined storage system
- Single namespace
- Scalable data and hardware architecture
- Advanced erasure coding data protection
- Advanced 12 Gbit/s SAS implementation
- 80 PLUS® gold certified power efficiency conversion

Specifications

System configuration		2 HU rackmount 42 or 84 drives per chassis - dual I/O modules per enclosure (main and JBOD) - Intel Xeon processor - DDR4 DIMM - internal 256 Gbyte M.2 module - mini-SAS HD ports main to JBOB interconnectors - dual ported drive technology
Connectivity per controller		
100 Gigabit Ethernet network	main unit	2 × QSFP data ports
10 Gigabit Ethernet network	main unit	2 × RJ-45 data ports
1 Gigabit Ethernet network	main unit	3 × RJ-45: two data ports, one management port to BMC
USB	main unit	2 × USB 3.0 connectors (rear)
Serial port	main unit	1 × RCA 3.5 mm audio serial port
Video port	main unit	1 × mini HDMI™ port
Expansion	main unit	2 × 12G mini SAS HD

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

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Environmental conditions		
Temperature	operating temperature range	+5 °C to +35 °C (+30 °C above 2133 m)
Relative humidity	operating	10 % to 80 % relative humidity
Altitude	operating	0 m to 3000 m
	nonoperating	−100 m to 12192 m
Vibration	random, operating	0.21 g (RMS), 5 Hz to 500 Hz
	random, nonoperating	1.04 g (RMS), 2 Hz to 200 Hz
	relocation, swept sine	0.3 g (RMS), 2 Hz to 200 Hz
Shock	operating	5 g, 10 ms half sine (Z-axis), 20 g 10 ms half sine (X and Y axis)
	nonoperating	30 g, 10 ms half sine
Acoustics	operating sound power level	≤ 8.0 B L_{WAd} (re 1 pW) at +23 ºC ambient
Power rating		
Rated voltage		200 V to 240 V AC
Rated frequency		50/60 Hz
Power output	maximum main unit	2200 W (200 V to 240 V AC)
	maximum JBOD unit	2200 W (200 V to 240 V AC)
BTU	maximum main unit	7507 BTU/h
	maximum JBOD unit	7507 BTU/h
Product conformity		
Safety certification	for USA and Canada	in line with UL 60950-1
	for Europe	in line with EN 60950-1
	for CB	in line with IEC 60950-1
Electro magnetic compatibility (EMC)	North America	CFR 47 part 15, subpart B, class A; CES/NMB-003 class A
	Europe	in line with EN 55022 class A, EN 55024, EN 61000-3-2, EN 61000-3-3
Standard marks	North America	FCC, UL, cUL, ICES/NMB-003 class A
	Europe	CE
	China	CCC (PSU only)
	Taiwan	BSMI
	Korea	MSIP (formerly KCC)
	Japan	VCCI
	Australia/New Zealand	RCM (formerly C-tick)
Dimensions and weight		
Dimensions	W × H × D	48.3 cm × 22.0 cm × 93.3 cm (19 in × 8.65 in × 36.75 in)
Weight	including drives	max. 135 kg (298 lb)
Rackmounting		
Rails		universal rackmounting kit

Ordering information

Designation	Type	Order No.
R&S®SpycerNode 5u84 storage server, main unit	R&S®SNO5U84	2902.3714.02
R&S®SpycerNode 5u84 storage server, JBOD unit	R&S®SNO5U84JB	2902.3720.02
R&S®SpycerNode 5u84 storage server, HDD bundle 336 Tbyte	R&S®SNO-B107 HDD BUNDLE 336TB (42)	2902.3737.02

Service level agreements

Designation	Type	Order No.
R&S®SpycerNode 5U84 HDD SLA Advanced 1 Year	R&S®SA1SN5U84H	2902.4204.05

Certified Quality Management
ISO 9001