

R&S® SpycerNode 2u24

Storage Server

Specifications

Description

The R&S® SpycerNode 2u24 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 2u24 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 | | <ul style="list-style-type: none"> • 2 HU rackmount • 24 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 JBOD 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.

| Environmental conditions | | |
|--------------------------------------|-----------------------------|---|
| Temperature | operating temperature range | +5 °C to +40 °C (+35 °C above 2000 m) |
| Relative humidity | operating | 20 % to 80 % relative humidity with +29 °C maximum dew point |
| Altitude | operating | 0 m to 3000 m |
| | nonoperating | -300 m to 12192 m |
| Vibration | random, operating | 0.21 g (RMS) |
| | random, nonoperating | 1.04 g (RMS) |
| | relocation, swept sine | 0.3 g (RMS) |
| Shock | operating | 5 g, 10 ms half sine |
| | nonoperating | 20 g, 10 ms half sine |
| Acoustics | operating sound power level | ≤ 6.5 B L _{WA,d} (re 1 pW) at +23 °C ambient |
| Power rating | | |
| Rated voltage | | 100 V to 240 V AC (50/60 Hz) |
| Power output | maximum main unit | 764 W (100 V to 240 V AC) |
| | maximum JBOD unit | 764 W (100 V to 240 V AC) |
| BTU | maximum main unit | 2608 BTU/h |
| | maximum JBOD unit | 2608 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 × 8.89 cm × 63.00 cm (19 in × 3.5 in × 24.8 in) |
| Weight | including drives | max. 24 kg (53 lb) |
| Rackmounting | | |
| Rails | | universal rackmounting kit |

Ordering information

| Designation | Type | Order No. |
|---|-----------------------------------|------------------|
| R&S®SpycerNode 2u24 storage server, main unit | R&S®SNO2U24 | 2902.3666.02 |
| R&S®SpycerNode 2u24 storage server, JBOD unit | R&S®SNO2U24JB | 2902.3672.02 |
| R&S®SpycerNode 2u24 storage server, SSD bundle 23 Tbyte | R&S®SNO-B104 SSD BUNDLE 23TB (24) | 2902.3689.02 |
| R&S®SpycerNode 2u24 storage server, SSD bundle 46 Tbyte | R&S®SNO-B105 SSD BUNDLE 46TB (24) | 2902.3695.02 |
| R&S®SpycerNode 2u24 storage server, SSD bundle 92 Tbyte | R&S®SNO-B106 SSD BUNDLE 92TB (24) | 2902.3708.02 |

Service level agreements

| Designation | Type | Order No. |
|---|----------------|------------------|
| R&S®SpycerNode 2U24 SSD SLA Advanced 1 Year | R&S®SA1SN2U24S | 2902.4204.04 |

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Certified Quality Management

ISO 9001

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