

Allegro Network Multimeter JBOD

Datasheet



Allegro 2U JBOD



Allegro 4U JBOD

Hard Drive Extension for the Allegro Network Multimeter

- ✓ Usable on all units from the Allegro 1000 and up
- ✓ Installation by qualified Allegro Packets staff
- ✓ Available in 2U or 4U enclosures
- ✓ Supports multiple parallel ring buffers
- ✓ Expandable by up to 704 TB HDD with up to 40 GBit/s recording rate
- ✓ Developed in Germany
- ✓ Supported from Germany

Just a Bunch of Disks (JBOD)

JBODs are used to expand the hard drive capacity of the Allegro Network Multimeter from the Allegro 1000 onwards, increasing the ring buffer memory capacity of an Allegro Network Multimeter by up to 44 hard drives.

Allegro JBOD 2U or 4U

The JBOD extensions are designed for 10 GBit/s (2U) or 40 GBit/s (4U) recording rate. This makes it very easy to expand compatible Allegro Network Multimeters by up to a total of 704 TB with HDDs with up to 40 GBit/s recording rates.

Parallel Ring Buffer Support

The Allegro Network Multimeter supports multiple parallel ring buffers. Each ring buffer can use different numbers of JBOD hard disks. Independently configurable filter rules allow different L7 protocols, virtual link groups and many more, so matching packet data can be stored in different ring buffers.

Integration by Allegro Packets

The Allegro JBOD is available for Allegro appliances from the 1000 and up and requires a free expansion slot for the SAS controller in the Allegro Network Multimeter. The connection between the Allegro Network Multimeter and the JBOD extension uses 2 x 1-metre length SAS cables. The installation of the expansion card is handled by Allegro Packets in Leipzig or by a certified Allegro Partner. Hard drives recommended by Allegro Packets or customer-owned hard drives can be used. Allegro Packets recommends the use of HDDs designed for continuous operation.

Quality Made in Germany

All Allegro Packets development takes place in Leipzig. The purchase of the services offered by Allegro Packets includes direct support by our highly qualified team in Germany.

Table 1 Allegro JBOD Specifications

Feature	Allegro 2U JBOD	Allegro 4U JBOD
Order ID	250	251
Rack unit	2U	4U
Size (W / H / D) in mm	437 x 89 x 647	437 x 178 x 699
Weight without HDDs	28 kg	44 kg
Supported HDDs	12 x SATA3/SAS3 3.5 HDDs	44 x SATA3/SAS3 3.5 HDDs
Recording rate	Up to 10 GBit/s	Up to 40 GBit/s
Power supply	Redundant 740W AC	Redundant 1280W AC
Airflow	Front-to-back	
Packaging	Server box	
Management port	1 x 1000Base-T IPMI remote management	
Scope of delivery	1 x 2U / 4U JBOD 1 x SAS controller (requires free expansion slot) 2 x 1m SAS cables 2 x power cables 1 x rack kit	
Hardware warranty	1 or 3 years, more as option	
Operating temperature	5°C - 35°C	
Certifications	FCC, CE	

Table 2 Optional HDD Extensions

Order ID	Product Description
442	3.5" 1 TB HDD for 3.5" JBODs
443	3.5" 4 TB HDD for 3.5" JBODs
444	3.5" 10 TB HDD for 3.5" JBODs
445	3.5" 16 TB HDD for 3.5" JBODs

Table 3 Bundles

Order ID	Product Description
880	2U 10 GBit/s 192 TB (12 x 16 TB) extension, consisting of 1 x ID 250 and 12 x ID 445
881	4U 40 GBit/s 704 TB (44 x 16 TB) extension, consisting of 1 x ID 251 and 44 x ID 445