



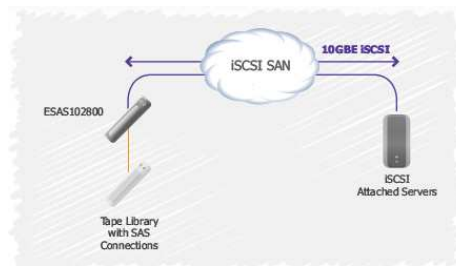
ESAS102800 10Gb iSCSI to Serial Attached SCSI

A high performance, cost effective 10Gb iSCSI to
Serial Attached SCSI (SAS) bridge

Product Features:

- 2 x 10Gb Ethernet Ports*
- 8 x 6Gb SAS Ports
- Up to 16,000 Initiators
- Non-Blocking Cache
- Low Power Design

* Offered with 2 x 10Gb short range optical multi-mode connections, 2 x 10Gb 10000BaseT RJ45 connections or 2 x SFP+ sockets that require SFP+ modules (not supplied with the unit).



ESAS102800 iSCSI to SAS Bridge

The ESAS102800 iSCSI to SAS Bridge is a high performance protocol bridge for connecting SAS enabled peripherals such as Disks, Tape Drives, Tape Libraries and Optical devices to IP Storage Networks using the iSCSI protocol.

The ESAS102800 is housed in an industry standard 1U 19" rack mount enclosure with integral power supplies and cooling. Connectivity to the IP Network is via 2 auto-sensing 1Gb Ethernet ports that can detect the network connection speed and to the SAS peripheral devices via the 8 3Gb SAS ports.

Managing and installing the ESAS102800 could not be easier with its inbuilt intuitive GUI that is easy to use and provides the user with on screen help where necessary.

Performance

The ESAS102800 has many unique features to maximise performance and ensure your data is transferred to the peripheral devices in the shortest possible time. With its load balancing MPIO* enabled Ethernet ports combined with its unique non-blocking data cache module, the ESAS102800 provides up to 1,200MB/s sustained throughput.

Recoverability

Ensuring that your data reaches its final destination is important these days with tight backup windows. With Error Recovery Level 2 support, the ESAS102800 can continue to receive data even if one of the Ethernet connections is disconnected.

Ease of Use

With every increasing pressure on IT staff, there is less time to spend on learning and managing new products and therefore, it is critical that new products are intuitive and easy to use. Avax works closely with its customers to ensure this is always the case.

Environmental

The ESAS102800 uses the latest power supply technologies with typical efficiencies of 95%, which minimise electrical power consumption and heat output.

*MPIO - Multipath Input-Output

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Specifications

Ethernet Ports

Connection	2 x 10Gb Ethernet (copper or optical).
Speed	1 / 10Gb
Error Recovery	ERL0, ERL1, ERL2
Maximum Packet Size	16Kb
Maximum Initiators	16,000
Standards	IPv4, iSCSI, iSNS, CHAP, DHCP

SAS Ports

Connection	8x 6Gb (8808) mini-SAS. Requires two mini SAS to 4 x SAS cables (not included)
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Indicators

Visual Indicators	Power, Network Activity, Link Present, Network Speed, SAS Activity, SAS Link
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Physical

Enclosure Form Factor	19 " 1U Rack Mount
Dimensions	L 179 mm: W 437mm: H 44 mm
Operational Temperature	0 to 40°C
Non-Operational Temperature	-20° to 60°C
Power Consumption	110-230Vac: 25-Watts approx

Available from: