

iStoragePro™ iR8 12G SAS Expander

with LCD Display Module & System Configuration Panel | Technical Specifications - Version 1.2



It's Time to Upgrade to 12G echnology

The iStoragePro iR8 12G SAS Expander has all the features you enjoyed from the iR8 SAS Expander and more. This unit is a rackmount-style enclosure sporting a smooth, modern design that complements any rackmount data center in style. **Through the process of Daisy Chaining, you can connect up to a total of 16 enclosures to reach a maximum capacity of 384TB of storage.¹**

Features

High Capacity

Store up to 24TB of data per unit.

Daisy Chain Technology

Expand your configuration up to 16 units total, totaling 128 hard disk drives.¹

RAID Protection

Supports RAID levels 0, 1, 5, 6, and 10 or JBOD configuration.²

Silence You Can Hear

Silent Fan Technology that cuts down the noise level - ideal for studio environments.

Rackmount Design

Made for easy storage in standard rackmount cabinets - the perfect complement to any data, server-storage, or mobile rack environment.

Built to Support Advanced Video Formats

Such as DV, HDV, ProRes 422, DVCPRO HD, HD 8-bit & 10-bit uncompressed, and much more.

Specifications

Optimal Performance with 12Gb/s Technology

Requires 12Gb/s SAS/SATA drives

Hard Disk Drives (HDDs)

Store up to eight 3.5" HDDs. Choose from 500GB, 1TB, 2TB, and 3TB hot-swappable drives.

External Host Interface

12Gb/s, 1 MiniSAS Host Port,

Compatible with Standard Operating Systems

Mac OSX, Windows, Linux.

Warranty

Standard 3-Year Limited Factory Warranty.

¹ Actual figures may vary by configuration.

Please refer to RAID Controller Card specifications.

² RAID Controller Card required.

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www.iStoragePro.com

Models

	8TB	16TB	24TB
Model Number	iR8SAE12G08T	iR8SAE12G16T	iR8SAE12G24T
Product Series	iR8 Series	iR8 Series	iR8 Series
Product Name	iR8 12G SAS Expander	iR8 12G SAS Expander	iR8 12G SAS Expander
Raw Capacity	8TB	16TB	24TB
HDD RPM	7200RPM	7200RPM	7200RPM
HDDs	8 x 3.5" 1TB Drives	8 x 3.5" 2TB Drives	8 x 3.5" 3TB Drives
HDD Interface	3Gb/s SATA II, 12Gb/s SATA III 3Gb/s SAS, 12Gb/s SAS	3Gb/s SATA II, 12Gb/s SATA III 3Gb/s SAS, 12Gb/s	12Gb/s SATA III 12Gb/s
External Host Interface	12Gb/s 1 MiniSAS Host Port ³ 2 MiniSAS Expander Ports ⁴	12Gb/s 1 MiniSAS Host Port ³ 2 MiniSAS Expander Ports ⁴	12Gb/s 1 MiniSAS Host Port ³ 2 MiniSAS Expander Ports ⁴
Cooling	3 Silent Fans	3 Silent Fans	3 Silent Fans
OS Compatibility	Mac OSX, Windows, Linux	Mac OSX, Windows, Linux	Mac OSX, Windows, Linux
Power Supply	Universal Auto-Switching	Universal Auto-Switching	Universal Auto-Switching
Enclosure Dimensions (L x W x H)	21.5" x 19" x 3.5"	21.5" x 19" x 3.5"	21.5" x 19" x 3.5"
Enclosure Weight	26.8 lbs ⁵	26.8 lbs ⁵	26.8 lbs ⁵
Enclosure Weight at Full HDD Capacity	38.8 lbs ⁵	38.8 lbs ⁵	38.8 lbs ⁵
Package Dimensions (L x W x H)	32" x 24" x 11"	32" x 24" x 11"	32" x 24" x 11"
Package Weight at Full HDD Capacity	60.2 lbs ⁵	60.2 lbs ⁵	60.2 lbs ⁵
Warranty	Standard 3-Year Limited Factory Warranty ⁶	Standard 3-Year Limited Factory Warranty ⁶	Standard 3-Year Limited Factory Warranty ⁶

³ Host Port refers to the connection slot used to connect the storage system or unit to your computer system.

⁴ Expander Port refers to the connection slot(s) used to connect the storage system or unit to multiple storage systems or units, also known as Daisy Chaining

⁵ This is an approximate measurement based on ideal conditions.

⁶ Certain restrictions apply.

What's Included

Rackmount Storage Enclosure

Accessories Kit

1 x A/C Power Cable

8 x Removable Drive Trays

PCI-Express RAID Controller Card (optional)

1 x Rackmount Sliding Rail Set

1 x MiniSAS 8088 Cable (1 Meter)

Qualified RAID Controller Cards

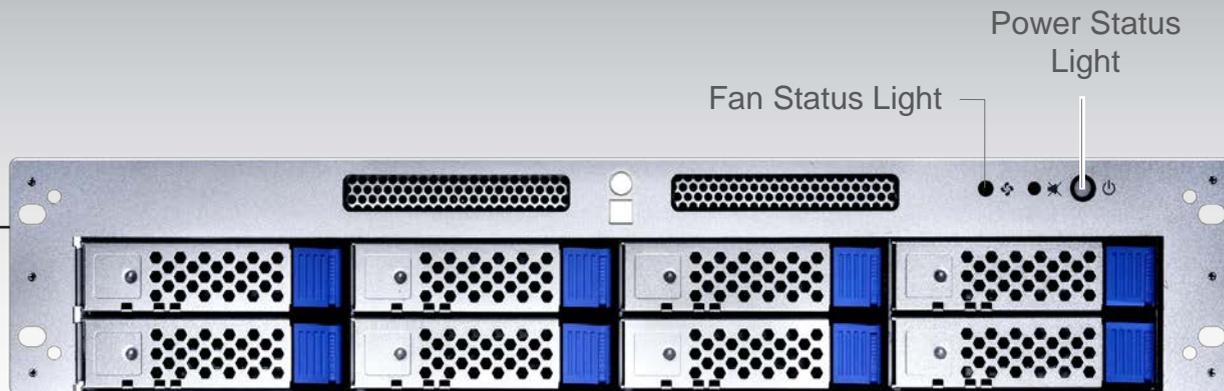


ATTO R680 (SATA/SAS) (12Gb/s)
Areca 1880X (SATA/SAS)
(12Gb/s) LSI 9750-8e (SATA/SAS)
(12Gb/s)

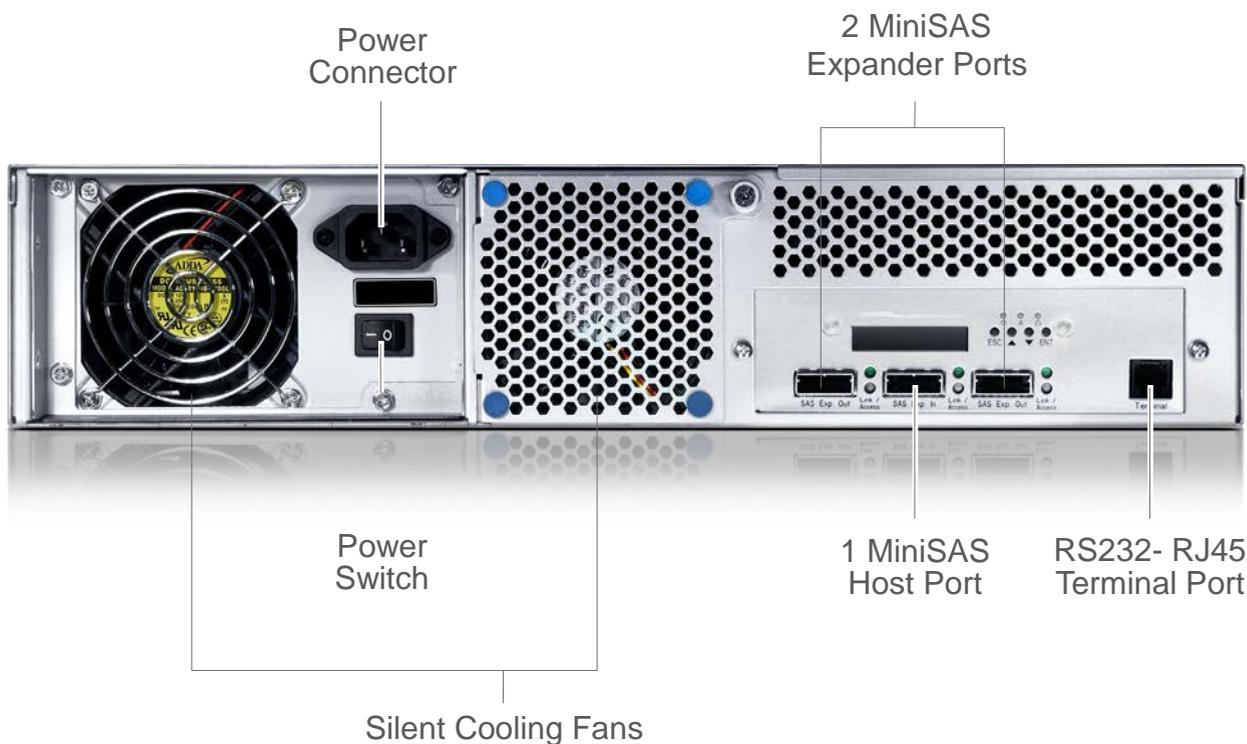


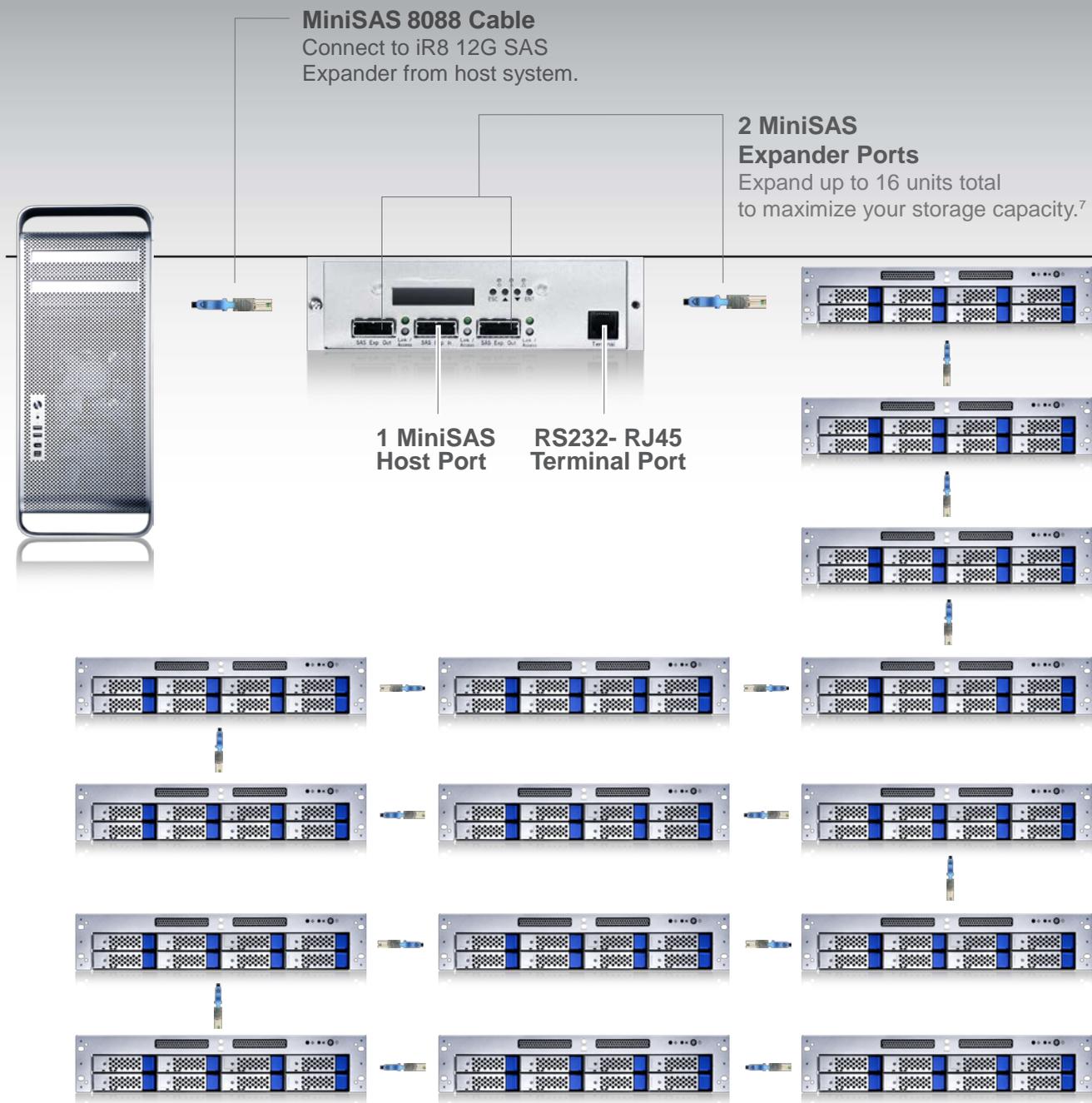
ATTO R680 (SATA/SAS) (12Gb/s)
Areca 1880X (SATA/SAS)
(12Gb/s) LSI 9750-8e (SATA/SAS)

Front View



Back View





⁷ Actual figures may vary by configuration. Please refer to RAID Controller Card specifications for more details.

All products, dates, specifications, features, and figures specified in this document are introductory and are based on ideal conditions, and are subject to change without notice.

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