

StoragePro™ iT8 6G SAS Expander

with LCD Display Module & System Configuration Panel | Technical Specifications - Version 2.3

It's Time to Upgrade to 6G Technology



The fastest performance for your growing business and studio environment.

The iStoragePro iT8 6G SAS Expander has all the features you enjoyed from the iT8 SAS Expander and more.

This unit is a tower-style enclosure sporting a smooth, modern design that complements any desktop workstation 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, spanning up to 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.

Maintenance Made Easy

Enclosure is equipped with thumbscrews for hassle-free, tool-less access.

Unique Design

Lightweight, heat-dissipating aluminum-finished enclosure.

Specifications

Optimal Performance with 6Gb/s Technology

Requires 6Gb/s SAS/SATA drives for maximum optimal performance.

Hard Disk Drives (HDDs)

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

External Host Interface

6Gb/s, 1 MiniSAS Host Port, 2 MiniSAS Expander Ports.

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.

US Headquarters
20 Odyssey, Irvine, CA 92618, USA
TOLL Free 1.800.272.0062
FAX 949.679.1572
info@istoragepro.com

Europe Headquarters
De Tongelreep 21,
5684 PZ Best, The Netherlands
TEL 31.46.477.0640
FAX 31.46.477.0649
info@ci-designeurope.nl

Asia Headquarters
27, 10th FL, Lane 61, Kung Fu Rd,
Sec 1, Sanchung City, Taipei, Taiwan
TEL 886.2.2999.2152
FAX 886.2.2999.2465
mtcsales@majestic.com.tw

Visit us on the web at
www.iStoragePro.com

Models

	8TB	16TB	24TB
Model Number	iT8SAE6G08T	iT8SAE6G16T	iT8SAE6G24T
Product Series	iT8 Series	iT8 Series	iT8 Series
Product Name	iT8 6G SAS Expander	iT8 6G SAS Expander	iT8 6G 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, 6Gb/s SATA III 3Gb/s SAS, 6Gb/s SAS	3Gb/s SATA II, 6Gb/s SATA III 3Gb/s SAS, 6Gb/s SAS	6Gb/s SATA III 6Gb/s SAS
External Host Interface	6Gb/s 1 MiniSAS Host Port ³ 2 MiniSAS Expander Ports ⁴	6Gb/s 1 MiniSAS Host Port ³ 2 MiniSAS Expander Ports ⁴	6Gb/s 1 MiniSAS Host Port ³ 2 MiniSAS Expander Ports ⁴
Cooling	1 Removable Silent Fan	1 Removable Silent Fan	1 Removable Silent Fan
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)	16" x 7" x 12.75"	16" x 7" x 12.75"	16" x 7" x 12.75"
Enclosure Weight	20 lbs	20 lbs	20 lbs
Enclosure Weight at Full HDD Capacity	32 lbs	32 lbs	32 lbs
Package Dimensions (L x W x H)	19.5" x 26.5" x 13.5"	19.5" x 26.5" x 13.5"	19.5" x 26.5" x 13.5"
Package Weight at Full Capacity	48 lbs ⁵	48 lbs ⁵	48 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(s) 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

Tower Storage Enclosure

Accessories Kit

1 x A/C Power Cable

8 x Removable Drive Trays

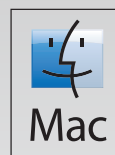
PCI-Express RAID Controller Card (optional)

1 x MiniSAS 8088 Cable (1 Meter)

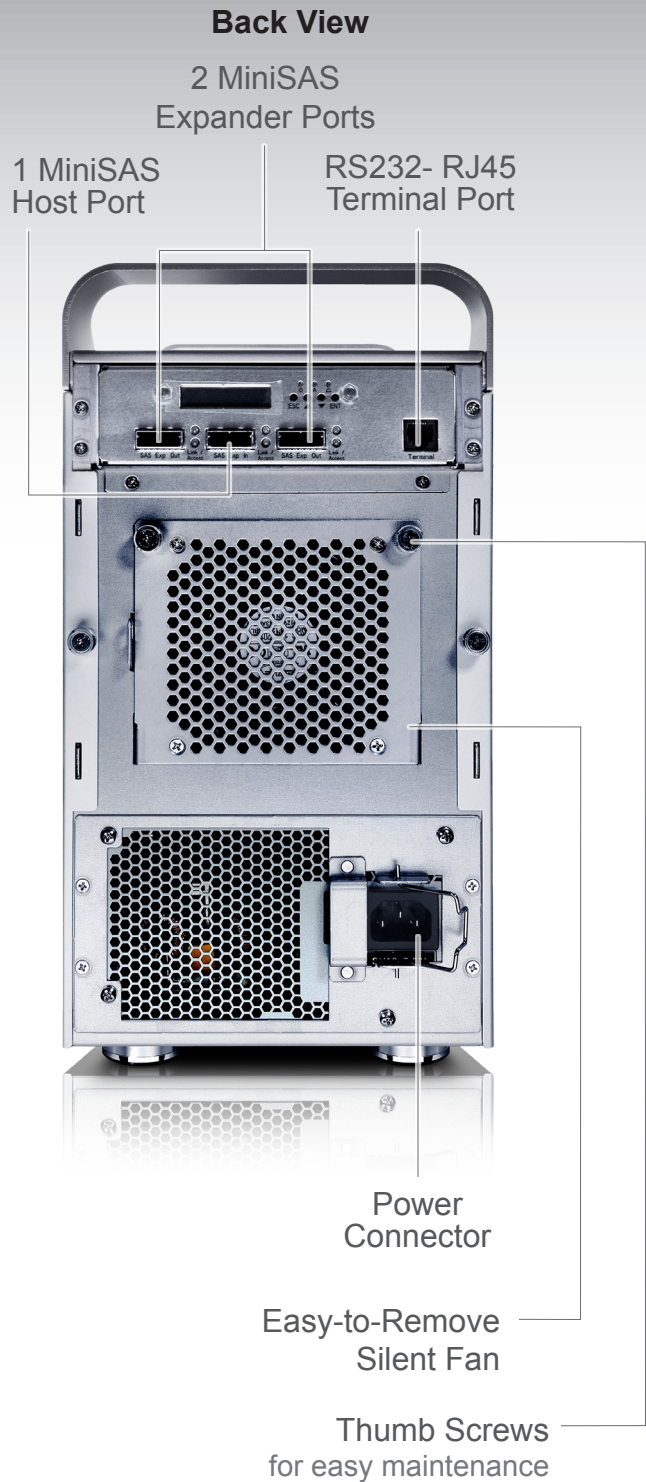
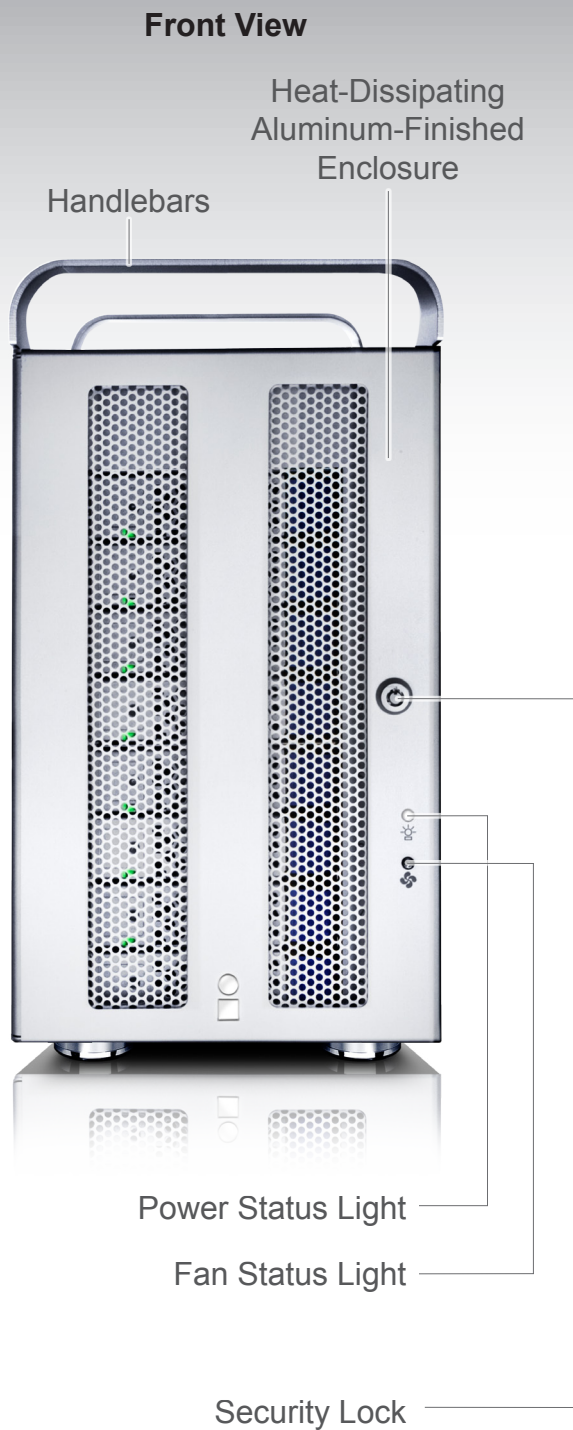
Qualified RAID Controller Cards

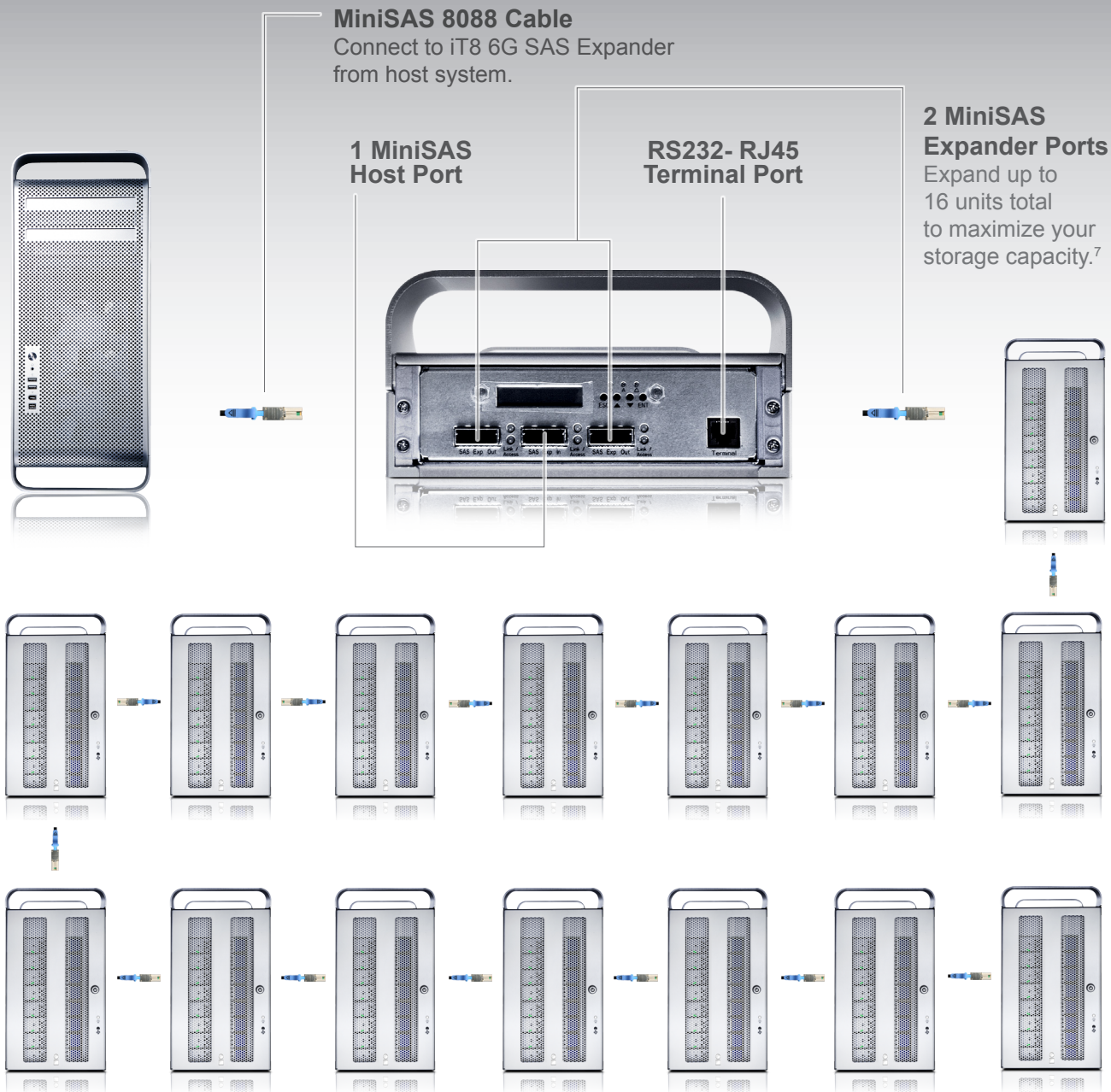


ATTO R680 (SATA/SAS) (6Gb/s)
Areca 1880X (SATA/SAS) (6Gb/s)
LSI 9750-8e (SATA/SAS) (6Gb/s)



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⁷ Actual figures may vary. 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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