

StoragePro™ iT8 12G SAS Expander

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

It's Time to Upgrade to 12G Technology



The fastest performance for your growing business and studio environment.

The iStoragePro iT8 12G 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 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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Models

	8TB	16TB	24TB
Model Number	iT8SAE12G08T	iT8SAE12G16T	iT8SAE12G24T
Product Series	iT8 Series	iT8 Series	iT8 Series
Product Name	iT8 12G SAS Expander	iT8 12G SAS Expander	iT8 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	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



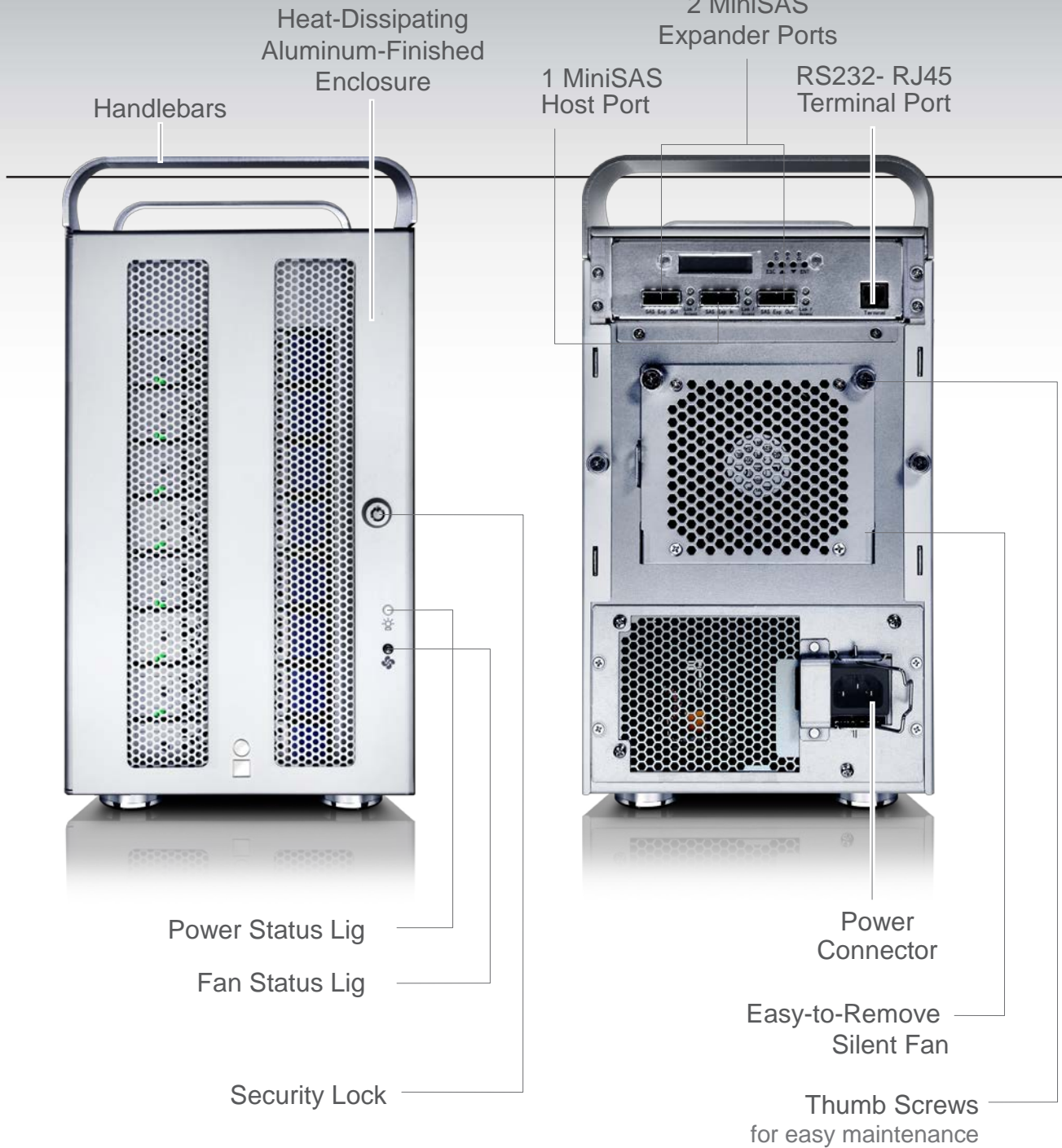
ATTO R680 (SATA/SAS) (12Gb/s)
Areca 1880X (SATA/SAS)
(12Gb/s) LSI 9750-8e (SATA/SAS)
(12Gb/s)

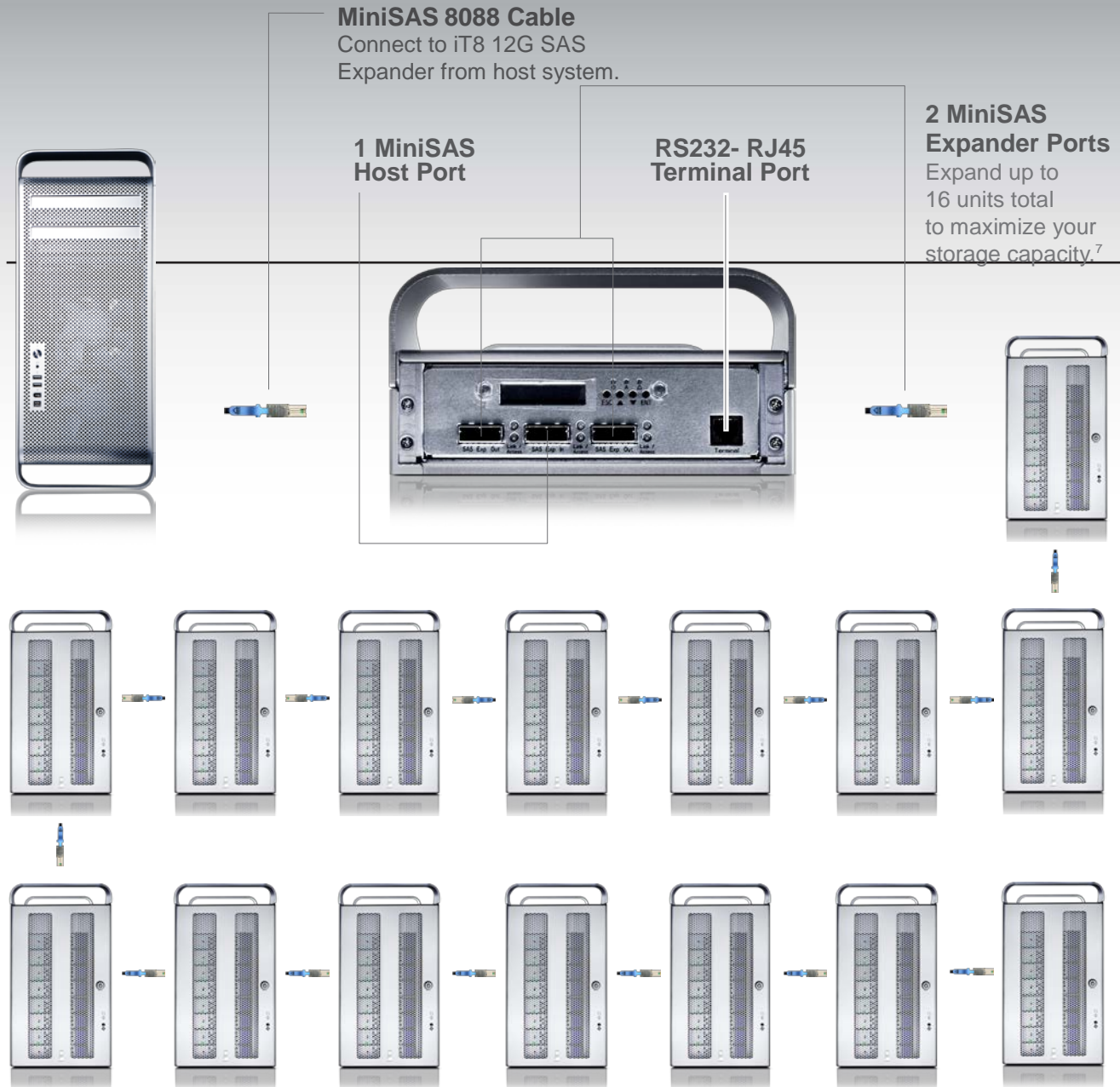


ATTO R680 (SATA/SAS) (12Gb/s)
Areca 1880X (SATA/SAS)
(12Gb/s) LSI 9750-8e (SATA/SAS)

Front View

Back View





⁷ Actual figures may vary. 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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