

# iStoragePro™ iR16 Thunderbolt

with Web GUI RAID Management | Technical Specifications - Version 1.0

## It's Time to Upgrade to Thunderbolt Technology with Built-in RAID Protection



### The Speed of 2012: Faster Performance, Faster Workflow.

The iStoragePro iR8 Thunderbolt supports an evolutionary dual-protocol approach to speed - combining full-bandwidth PCI Express and DisplayPort into a single, high speed cable solution.

**Through the process of Daisy Chaining, you can connect up to a total of 6 enclosures to reach a maximum capacity of 144TB of storage.<sup>1</sup>**

#### Features

##### High Capacity

Store up to 24TB of data per unit.

##### Daisy Chain Technology

Expand your configuration up to 6 units total, spanning up to 48 hard disk drives.<sup>1</sup>

##### Built-in RAID Protection

Supports RAID levels 0, 1, 5, 6, and 10.<sup>2</sup>

##### 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 6Gb/s HDD Technology

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

##### Hard Disk Drives (HDDs)

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

##### External Host Interface

2 x 10Gb/s Thunderbolt Ports for Host Ports or Daisy Chaining.

##### Compatible with Standard Operating Systems

Mac OSX, Windows, Linux.<sup>2</sup>

##### Warranty

Standard 3-Year Limited Factory Warranty.

<sup>1</sup> Actual figures may vary by configuration.

<sup>2</sup> Full support requires host system to be equipped with Thunderbolt controller.

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](http://www.iStoragePro.com)

Models		
	16TB	24TB
<b>Model Number</b>	iR8TBR16T	iR8TBR24T
<b>Product Series</b>	iR8 Series	iR8 Series
<b>Product Name</b>	iR8 Thunderbolt	iR8 Thunderbolt
<b>Raw Capacity</b>	16TB	24TB
<b>HDD RPM</b>	7200RPM	7200RPM
<b>HDDs</b>	8 x 3.5" 2TB Drives	8 x 3.5" 3TB Drives
<b>HDD Interface</b>	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
<b>External Host Interface</b>	2 x 10Gb/s Thunderbolt Ports	2 x 10Gb/s Thunderbolt Ports
<b>Cooling</b>	3 Silent Fans	3 Silent Fans
<b>OS Compatibility</b>	Mac OSX, Windows, Linux <sup>3</sup>	Mac OSX, Windows, Linux <sup>3</sup>
<b>Power Supply</b>	Universal Auto-Switching	Universal Auto-Switching
<b>Enclosure Dimensions</b> (L x W x H)	21.5" x 19" x 3.5"	21.5" x 19" x 3.5"
<b>Enclosure Weight</b>	26.8 lbs <sup>4</sup>	26.8 lbs <sup>4</sup>
<b>Enclosure Weight at Full HDD Capacity</b>	38.8 lbs <sup>4</sup>	38.8 lbs <sup>4</sup>
<b>Package Dimensions</b> (L x W x H)	32" x 24" x 11"	32" x 24" x 11"
<b>Package Weight at Full HDD Capacity</b>	60.2 lbs <sup>4</sup>	60.2 lbs <sup>4</sup>
<b>Warranty</b>	Standard 3-Year Limited Factory Warranty <sup>5</sup>	Standard 3-Year Limited Factory Warranty <sup>5</sup>

<sup>3</sup> Full support requires host system to be equipped with Thunderbolt controller.

<sup>4</sup> This is an approximate measurement based on ideal conditions.

<sup>5</sup> Certain restrictions apply.

### What's Included

Rackmount Storage Enclosure

Accessories Kit

1 x A/C Power Cable

8 x Removable Drive Trays

1 x Rackmount Sliding Rail Set

(Thunderbolt Cable sold separately)

### Front View

Fan Status Light      Power Status Light



### Back View

Power Connector

2 Thunderbolt Ports



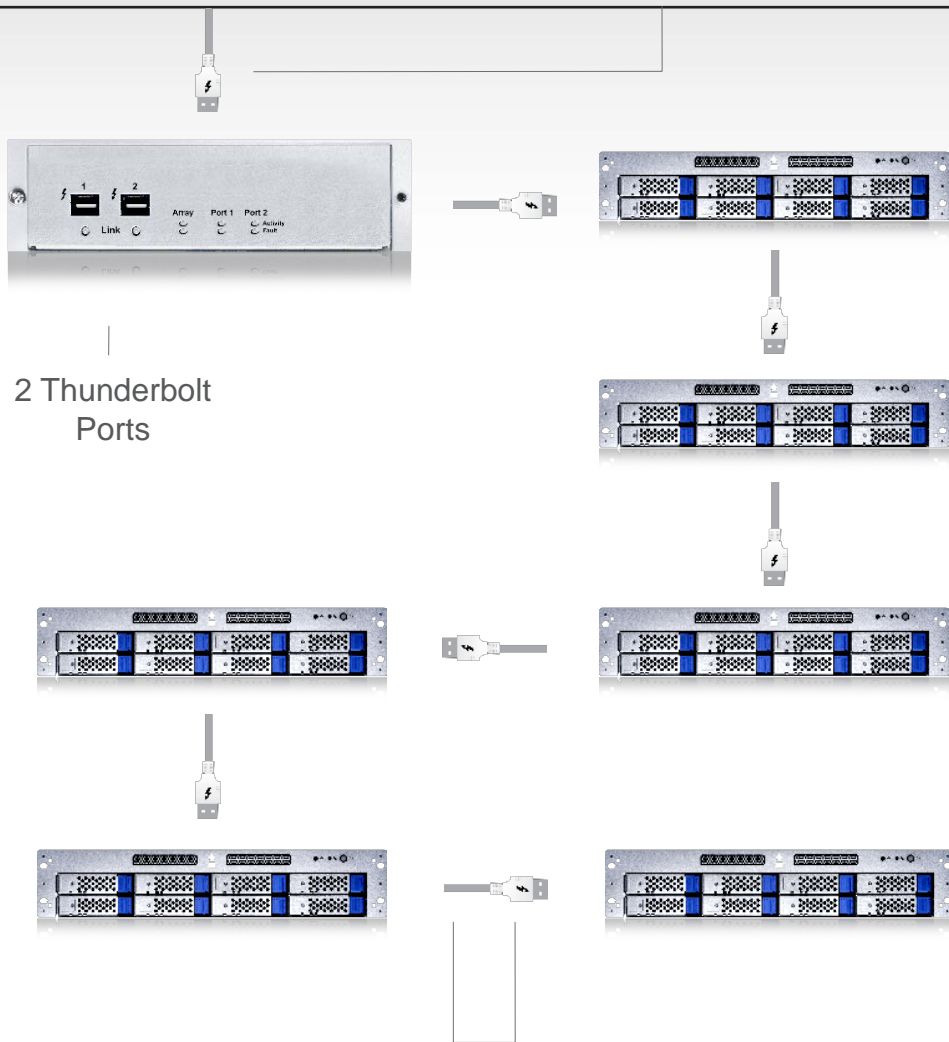
Power Switch

Built-in RAID

Silent Cooling Fans



**Thunderbolt Cable**  
Daisy Chain up to 6 units.<sup>7</sup>



2 Thunderbolt  
Ports

<sup>7</sup> Actual figures may vary by configuration.

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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