

# HyperFS IAP

## Integrated Application Platform



### HyperFS IAP Features

- ▶ 1U Reliable 19" Rack Mounted Enterprise Quality Server
- ▶ Mirrored SAS boot drives
- ▶ Purpose Built: CentOS 6.5
- ▶ Used for HyperFS and Scale Out NAS
- ▶ Cache Protected RAID1 Metadata Volumes
- ▶ 3 Metadata volumes max.
- ▶ Support for up to 16 file systems
- ▶ Support from 2 clients to <100 SAN clients
- ▶ Redundant high efficiency power supplies and fans
- ▶ Easily maintained and ships preconfigured
- ▶ Easy-to-use admin interface
- ▶ High-availability options available
- ▶ 1 year Advanced Parts Exchange Warranty included and extended service options available



### HyperFS Genesis IAP

Small in size but huge in performance, the single rack unit Genesis Intelligent Application Platform, GIAP1U, is the new standard 1U application server from Scale Logic Inc. Now partnered with the latest Build Out and Build Up version of HyperFS, the GIAP1U is the only server for the job of providing metadata service for your HyperFS SAN.

This latest version of HyperFS is a clustered global file system for your FC SAN/IP SAN. Designed to transform several FC or iSCSI disk arrays into a storage cluster that supports multi-client editing and play out concurrent processing, it can provide high-performance, scalable single name space file sharing services.

When preloaded with the latest version of HyperFS SAN management software, the GIAP1U turns into a reliable, ultra fast head end Metadata controller [MDC] to your Media/Entertainment SAN infrastructure. Editors in the M&E environment require enterprise qualified systems to manage their shared resources within a SAN without giving up ease of use, scalability, and protection of their media. Created and purpose built to be the best MDC for HyperFS SANs, the GIAP1U is ready to move, scale, and protect your most important media content. The latest added features of Vertical, Horizontal, and Dynamic Scalability, High Availability Protection, and support for massive storage capacities of over 4000 pools of data that can exceed 64 ZBytes will push beyond an average server's capabilities, but not the high performing reliable GIAP1U. With the optional High Availability [HA] package, two GIAP1U systems are delivered as a matched pair of appliances. Each is identical and offers the full reliability that comes with no single point of failure. Put two of the GIAP1Us into this clustered configuration and you have a fault tolerant setup that gives you a fail-safe improvement that protects your precious media files without a single point of failure..

With its latest generation XEON processors, 16 lane motherboard, and up to 48GB of RAM, this power plant will handle the massive database and Ethernet traffic of any editing studio or TV station SAN with ease. Under the hood, the GIAP1U also houses mirrored SATA OS drives, 4 x 1GbE and 2 x 10GbE LC Optical I/O ports, plus an expansion port for a FC HBA or other I/O. Redundant power supplies round out this server's list of enterprise quality features. Your first year advanced replacement warranty is included and extended service plans are available.

The HyperFS GIAP1U comes fully integrated and can easily be installed and operational within minutes. With its Linux OS, HyperFS file system, and easy to use administration and management interface preinstalled, rack mounting and cabling it into your IT infrastructure is all you need to do. Client, storage, and other SAN component cabling is easy as well. Once the hardware is configured, a remote login with licensing and software configuration from our technical experts will be the only thing left to do to finish the installation.

Join the other knowledgeable M & E editors, producers, and other creators of TV, Film, Gaming, and Sports content who have put their confidence in Scale Logic's products and contact sales today.

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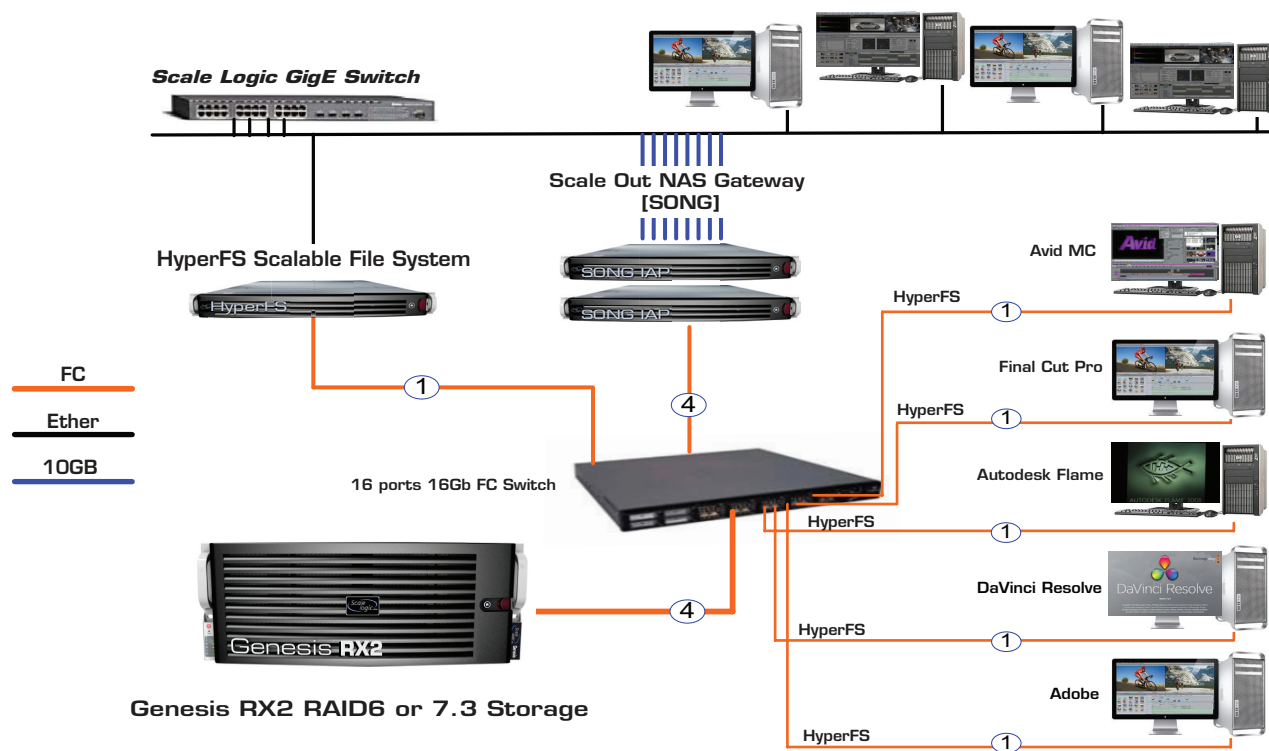
## Integrated Application Platform

### System and Controller Features

Chassis	RoHS compliant 1U Steel and Aluminum Alloy enclosure with rack mount kit. Dual FRU power supplies and fan assemblies and 6Gbit SAS Drive Backplane Power on/ off switch; System Reset switch; LAN, Fan Fail, Power indicators; 6 High Speed Fans
System CP/RAM/Drives	2x Intel 2.0 GHZ CPUs, 32GB RAM, 2x 240GB SSD HDD Mirrored
External I/O Ports	2x USB 2.0 rear Ports, 1x VGA Port, 1x Serial Port, 4x RJ45 LAN Ports, 1x RJ45 Dedicated IPMI LAN Port, 2x SFP+ 10GbE LC Optical I/O ports, plus 1x PCI-Express 3.0 x16 Slot for a FC HBA or other I/O.
Management Tools	Embedded Web mgmt support — No host agent is needed using standard TCPIP; Simple installation ; local and remote administration; Easy to user Error logs and status monitoring
Event Notification	Email, Audible (buzzer), and visible (LEDs) alerts for bad drives and power supplies

### Mechanical Specifications

Voltage	100 - 140 V / 200 - 240 V, 60 - 50 Hz, 8.5 - 6 Amp
Power Supply	700W Redundant PS high-efficiency power supply with PMBus and I2C
Operational Wattage	220 Watts
Operating Temperature	5°- 35°C [-40° +70°C non operational]
Relative Humidity	Maximum 90%
Dimensions	17.2 x 26.6 x 1.7 inch / 437.0 x 676.0 x 43.0 mm - Gross Weight: 46.0 lbs / 20.9 kg [approx.]



### Easy to Install and Manage

HyperFS Genesis IAP is fully pre-configured, tested and customized in our integration facility. HyperFS Genesis IAP is ready to use out of the box. Setting up minor configuration changes onsite are simple.

### Service & Support

Our Engineering Services delivers a unique value proposition for our customers. We offer customized and flexible service agreements, installation and training. An advance parts replacement to onsite 24x7 options, contracted phone and web support, extended equipment warranty options, with US and EMEA customer support centers.

