

storEDIT HDD



Overview

High-density 2x 10Gb network attached storage server with an entry-level 2U rack server, designed for complex and critical applications, like media production and others that require high-availability.

The box has redundant power supply and a dedicated hardware RAID controller.

Product Highlights

- High performance storage
- High density (multiplied by 2)
- Redundant power supply and OS
- Flexible file system for Mac, Linux, or Windows, with automatic file defragmentation for faster file access
- Load balancing features for equivalent client throughput access
- Metadata/Data server optimized for high-performance video streaming
- Intuitive web interface for both clients and administrators, for easier data, workspaces and user management
- Reduces energy costs
- Web-Interface file preview with quick access to metadata info
- Option for user grouping for easier user management
- Project-based virtual workspaces encapsulated into virtual local drives
- Workspace quota management with dynamic workspace sizes
- Support for growing-files
- Support for AVID Bin-Locking (AVIDFS workspace drive)

Technical Specifications

| Storage Models | | |
|---|---|---|
| Model | stithdd40t | |
| HDD Capacities (RAW) | 40TB (8x5TB) | |
| HDD Drive Class | Standard Class | |
| Storage Management | | |
| Dedicated RAID Controller | Yes. Datacenter class HostRAID adapter with 8 (for 8 drive unit models) or 16 ports (for 16 drive unit models) for performance-hungry needs | |
| Write Cache Memory | Yes. 1024 MB with battery backed cache | |
| Write Cache Protection | Yes. Embedded flash backup with supercap (battery) included | |
| Expandable option | Only the option to stack multiple system units is available | |
| RAID Mode | Is available the options RAID 0, 1, 5, 6, 10, 50 and 60. The default configuration is RAID 5 | |
| Hot-Plug | Yes | |
| Hot-Spare option | Yes | |
| System | | |
| CPU | Intel® Xeon® @ 2.2GHz with 4 Cores / 8Threads | |
| Memory | 16GB DDR4-2400 RDIMM Registered ECC | |
| Operating System Drive | 480GB SSD redundant drive | |
| Integrated Graphics | Yes | |
| Integrated RAID Control | Yes. ONLY for Operating System drives with redundancy in RAID 1 configuration | |
| Operating System | | |
| Distribution | Windows Storage Server 2016R2.x64 | |
| Option to Add/Edit/Remove Shares | Yes | |
| Option to Add/Edit/Remove Users | Yes | |
| External I/O | | |
| Status indicators | Front Panel LEDs | Rear Panel LEDs |
| | - Power status - Power Redundant Power Supply status - Individual Drive activity | - Network ports status and activity - Operating System Drives activity |
| Video | 1x VGA port | |
| USB | 2x rear USB 3.0 | |
| Ethernet | 2x RJ45 10GBase-T ports with NIC Teaming* Support 2x RJ45 1GBase-T ports with NIC Teaming* Support | |
| Mechanical | | |
| Chassis Form Factor | 2U Rack | |
| Chassis Depth | 24 cm – 9.45 inches | |
| Rack Rails Included | Rail Less | |
| Front Drives Supported | 8 drives for Data Storage | |
| Rear Drives Supported | 2 unit drives per Operating System | |
| Front Drive Form Factor | Hot-swap 2.5" drives with 15mm height | |
| Front Drive Key Lock | Yes | |
| Rear Drive Key Lock | Yes | |
| Electrical Characteristics | | |
| Wattage | Dual Power Supply 300W | |
| Power Input | 100-240V AC and 47-63HZ | |
| Usage Environment | | |
| Temperature Storage | -40°C to 65°C (-40°F to 149°F) | |
| Temperature for continuous operation (for an altitude below 950 m or 3117 ft) | The recommended room temperature is 20 to 22°C (71.6°F). The temperature limits are 10°C to 32°C (50°F to 89.6°F) with no direct sunlight on the equipment. Note: MOG does not recommend the continuous usage in the temperature limits, this causes hardware degradation and reduction of the hardware life | |
| Relative humidity storage | 5% to 95% RH with 33°C (91°F) maximum dew point. Atmosphere must always be non-condensing | |
| Relative humidity for continuous operation (for an altitude below 950 m or 3117 ft) | 10% to 80% Relative Humidity with 29°C (84.2°F) maximum dew point | |

* NIC Teaming supported is LACP and switch independent for redundancy purposes.