

# SnapServer® 410

Affordable, Business-Grade Network Attached Storage

Besides its people, a company's data is one of its most critical assets. Keeping that data stored, accessible and secure has become complex and expensive as companies are faced with massive data growth, increasingly stringent regulatory requirements and distributed environments that can range from across-the-hall to across-the-globe. Overland Storage® recognizes the need for businesses to do more—with less, and offers effortless data management and protection solutions. The SnapServer® 410 is flexible and affordable, making it an ideal solution for growing businesses with a wide variety of storage needs.

## Smart

Built on the award-winning GuardianOS™ platform, the SnapServer NAS 410 offers enterprise-class features, including the remote monitoring and management of other SnapServers, using SnapServer Manager™ software. The integrated SnapServer Manager software is ideal for businesses with limited IT staff as it enables geographically dispersed SnapServers to be viewed and administered as local resources from one central location.

## Safe

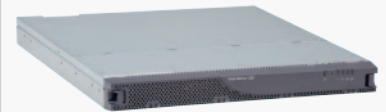
Integrated with a complete suite of data protection software including snapshots, replication, and support for third-party backup agents, the SnapServer 410 offers effortless protection, backup and disaster recovery for your valuable data.

## Simple

The SnapServer 410 is reliable, easy to install and manage, and integrates seamlessly into Windows, Linux, UNIX, and Mac OS environments. With the SnapServer 410, you can easily store database, email and file-level data on a single server. The iSCSI support option in the GuardianOS platform allows you to securely manage, store and distribute block data across your Ethernet network using industry-standard iSCSI initiators.

## Reliable

The SnapServer 410 is configured with 4 hot-swappable SATA II drives with fixed capacities up to 8TB and supports RAID levels 0, 1, 5, 6 and 10 for maximum data protection and availability.

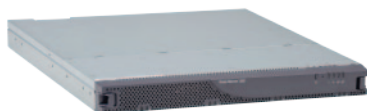


## Highlights

- Simple, stable, and secure
- Supports RAID 0, 1, 5, 6, and 10
- Integrates seamlessly into Windows, Linux, UNIX and Mac OS environments
- Active Directory Service (ADS) integration
- Unified block and file architecture enables the storage of block and file data on the same server with optional iSCSI support
- CA Antivirus software
- Snapshot technology
- Backup agent support
- Snap Enterprise Data Replicator™ software for data replication and disaster recovery
- Scales up to 8TB

## Specifications

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System</b>                | GuardianOS - For full software specifications, please refer to the GuardianOS Data Sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Management</b>                      | Wizard-based Installation, Volume Usage Statistics, Event Log, Email Notification, Administrator Authentication, Remote Management, Multi-Server Monitoring and Visualization with SnapServer Manager                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RAID Levels<br/>Data Protection</b> | RAID Levels 0, 1, 5, 6, and 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Snapshot and Replication</b>        | Optional Snapshot including VSS Provider for Windows; Replication Optional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>CPU and Memory</b>                  | 2.0GHz, 1GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Drive Configuration</b>             | 4 x 500GB hot-swappable SATA II drives, 4 x 1TB hot-swappable SATA II drives, 4 x 2TB hot-swappable SATA II drives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>VMware Support</b>                  | VMware Ready                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Network Interface</b>               | Dual Autosensing 10/100/1000Base-T, RJ-45, Support for stand-alone, failover, and load balancing modes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>USB Interface</b>                   | Support for APC brand UPS; tape devices; and Printers over USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Local Backup Interface</b>          | Optional Ultra 160 68-pin LVD VHDCI; or USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Physical/Mounting</b>               | Width: 16.7 in (424.3 mm), Height: 1.75 in (44.45 mm) 1U, Depth: 19.2 in (487.7 mm), Weight: 26.0 lbs (11.8 kg), Custom 19 in fixed rack mount rails included - Optional slide rails available Minimum rack depth 26 in (660.4mm)                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Local Backup Interface</b>          | Ultra320 SCSI 68-pin LVD VHDCI (integrated) or USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Physical/Mounting</b>               | Custom 19 in rack mount slide rails included Minimum rack depth 32 in (812.8 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Agency Approvals</b>                | UL, cUL, CE, FCC Class A, TuV, Nemko                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Power</b>                           | SSingle power supply, 200W 100-240 VAC, 50-60Hz, autosensing, 1.5A (RMS) for 115VAC, 0.75A (RMS) for 230VAC, 172W (steady state), 587 BTUs/hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Environmental Limits</b>            | Operating Temperature Range: 50° F to 95° F (10° C to 35° C), Operating Humidity Range: 20% to 80%, Vibration: 1G at 10-300Hz random for 120 minutes , Shock: 6 pulses of 33G for up to 2ms, Operating Altitude: 0 ft. to 10,000 ft (0 m to 3,048 m) Non-Operating Temperature: 14° F to 149° F (-10° C to 65° C), Non-Operating Humidity Range: 5% to 95% Non-Operating Vibration: 2G at 5-500Hz for 90 minutes, Non-Operating Altitude: 0 ft. to 35,000 ft. (0 m to 10,668 m)                                                                                                                                                             |
| <b>Included with Unit</b>              | European and US power cable, 2 x Cat 5 Ethernet cables, Custom 19 in rackmount slide rails, GuardianOS and included features, Evaluation licenses for optional software                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Standard Warranty</b>               | SnapServer systems are covered by a two-year limited warranty including return to factory hardware support, operating system updates and telephone support. SnapServer systems are eligible for enhanced Overland CARE maintenance options to augment the standard limited warranty. Specially priced 3-year Overland CARE support upgrades are available to protect your investment for the life of the product. For more information about Overland Storage services, please contact your reseller, call Overland Storage at 1.800.442.7274 or visit us online at: <a href="http://www.overlandstorage.com">www.overlandstorage.com</a> . |



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