

Snap Server® 650

SNAP710070
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Highest Performance Scalable Rackmount RAID Storage

SNAPserver® 650

Enterprise features that a Small & Medium Business Can Afford

Snap Server® network attached storage (NAS) solutions offer exceptional price/performance for individuals, remote offices, workgroups, departments, and distributed enterprises. With legendary ease of use and "set it and forget it" reliability, Snap Servers minimize the demand for IT resources and lower the total overall cost of any storage solution. The Snap Server® 650 with two dual-core Opteron Processors is scalable, flexible and affordable, making it an ideal solution for growing businesses with a wide variety of storage needs.

Remote Data Protection & Data Replication

Built on the award-winning GuardianOS™ platform, the Snap Server 650 includes enterprise-class features, including the capability to be remotely monitored and managed along with other Snap Servers using Snap Server Manager™ software. In addition, utilizing Snap Enterprise Data Replicator™ (Snap EDR) replication software allows data to be continuously, securely, and efficiently moved between sites. As part of a backup-to-disk solution, the Snap Server 650 can seamlessly act as the backup server, storing backups and later transferring those backups to a remote site for safety, or onto tapes for long-term archive.

Built for High Availability

With features such as Ethernet teaming failover, hot-swappable drives, and the ability to boot from any drive in the system, the Snap Server 650 was designed for the small and medium enterprise (SME). The Snap Server 650 includes dual power supplies for additional availability and stability.

Right-Sized Storage to Fit Your Needs as Your Business Grows

With the ability to scale from 1 TB to 85.2 TB of storage capacity, you can right-size your storage environment by purchasing only what you need today, then expanding your system as your storage needs grow. The Snap Server 650 can also mix SAS and SATA, enabling you to build a truly customized solution that fits your specific needs.

Data Protection You can Trust

The Snap Server 650 can be configured for RAID 0, 1, 5, 6, or 10 and is integrated with a complete suite of data protection software, including BakBone NetVault: Backup for GuardianOS with a 500 GB Virtual Tape Library license and CA Antivirus Software. The Snap Server 650 also supports other popular third-party backup agents, so you can tailor your data protection, backup, and disaster recovery applications to your specific business needs.

Take your solution further with disaster recovery using Snap Enterprise Data Replicator (Snap EDR) for the secure movement and management of the business-critical data that resides at your remote locations.

Centralized Management for Ease of Use

The integrated Snap Server Manager software is ideal for businesses with limited IT staff by enabling geographically dispersed Snap Servers to be viewed and administered as local resources from one central location. A click of a mouse reveals in-depth information about storage assets and how they are being used.



- Capacities up to 85.2 TB
- On-the-fly scalability with Instant Capacity Expansion (I.C.E.)™
- Hot-swappable disk drives
- Integrates seamlessly into Windows, Linux, UNIX and Apple environments
- Unified block and file architecture enables the storage of block and file data on the same server
- Integrated CA Antivirus software
- BakBone NetVault: Backup for GuardianOS with 500GB virtual tape library license and five free clients
- Backup agent support
- Snapshot technology

Options

- Snap Enterprise Data Replicator™ (EDR) software for enterprise-class data replication and disaster recovery



Overland
STORAGE®

SPECIFICATIONS

| | | |
|----------------------------------|---|---------------------------------------|
| OPERATING SYSTEM | GuardianOS - For full software specifications, please refer to the GuardianOS Data Sheet | |
| PHYSICAL | Width: 17.5 in (444.5 mm), Height: 1.75 in (44.45 mm) 1U, Depth: 29.25 in (743 mm), Weight: 40.0 lbs (18.2 kg) Note: 47 lbs (21.3 kg) is the shipping weight including shipping carton and accessories | |
| MOUNTING | Custom 19" rack mount slide rails included Minimum rack depth 32" (812.8mm) | |
| AGENCY CERTIFICATIONS | UL, cUL, CE, FCC Class A, TuV, Nemko | |
| PROCESSOR | Two dual-core AMD Opteron processors, with 1MB L2 cache and 1000MHz HyperTransport™ | |
| MEMORY | 2GB DDR 400 ECC RAM standard 4 DIMM sockets supporting up to 4GB DDR 400 ECC RAM | |
| DRIVE CONFIGURATION | 4 x 300GB 15K RPM hot-swappable SAS drives (1.2TB raw capacity) | |
| STANDARD LCD DISPLAY | Backlit, 2 line, 16 character with system ID, IP address | |
| NETWORK INTERFACE | Dual-Gigabit Ethernet Ports (autosensing 10/100/1000Base-T, dual RJ-45 network connections) Support for stand-alone, failover, and load balancing modes | |
| EXPANSION ARRAY INTERFACE | Includes optional Serial Attached SCSI host bus adapter(SAS HBA) for expansion Supports up to 7 Snap Expansion S50 JBOD arrays | |
| LOCAL BACKUP INTERFACE | Ultra320 SCSI 68-pin LVD VHDCI (integrated) | |
| POWER | Dual hot-swap 400W supply (standard) | |
| Supply | 400W 100-240 VAC, 50-60Hz, autosensing | |
| Rating | 3.4A peak for 115VAC, 1.7A peak for 230VAC | |
| Input Current | 390W peak | |
| Power Consumption | 1057 BTUs/hr avg. | |
| Heat Dissipation | | |
| ENVIRONMENTAL LIMITS | OPERATING | NON-OPERATING |
| Temperature | 50° F to 95° F (10° C to 35° C) | 14° F to 149° F (-10° C to 65° C) |
| Non-Condensing Humidity | 20% to 80% | 5% to 95% |
| Vibration | 1G at 10-300Hz random for 120 minutes | 2G at 5-500Hz for 90 minutes |
| Shock | 6 pulses of 33G for up to 2ms | |
| Altitude | 0 ft. to 10,000 ft (0 m to 3,048 m) | 0 ft. to 35,000 ft. (0 m to 10,668 m) |
| INCLUDED WITH UNIT | European and US power cable 2 x Cat5 Ethernet cables Custom 19" rackmount slide rails GuardianOS and included features Evaluation licenses for optional software | |
| STANDARD WARRANTY | Snap Server products are covered by a two-year limited warranty including return to factory hardware support, operating system updates and telephone support. Snap Server systems are eligible for enhanced Overland CARE maintenance options to augment the standard limited warranty. Specially priced 5-year Overland CARE support upgrades are available to protect your investment for the life of the product. Support coverage of all Snap Expansion units must be purchased separately and run concurrently with the primary Unit. For more information about Overland Storage services, please contact your reseller, call Overland Storage at 1-800-442-7274 or visit us online at: www.overlandstorage.com . http://www.overlandstorage.com/support/service_programs.html for full details of all of our service programs. | |

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