

SecurOS™ SAN Storage 800 Series Datasheet



KEY FEATURES:

- Supports consolidated storage and extended retention time
- Easy access to the video data with consolidated storage
- Up to 1.44PB Data Storage
- SecurOS™ VMS Certified, Optimized and Guaranteed
- 99.999% Guaranteed Uptime
- NL-SAS Data Drives for High-performance Recording
- 5 Year Next Day On-site Warranty

The SecurOS™ SAN Storage 800 Series delivers built in simplicity, design for flexibility, and exceptional reliability. The SAN server offers easy setup with all-inclusive software, distributed RAID (ADAPT) for faster rebuild times (as compared to standard RAID), and an intuitive HTML5 management interface. Rest assured that the SecurOS™ SAN Storage 800 Series is optimized and guaranteed to work seamlessly with SecurOS™ VMS Servers.

The SecurOS™ SAN Storage 800 is a high-capacity, centralized storage appliance purpose-built and engineered to withstand even the most demanding environments. Tested, tuned and optimized for both the security and the corporate IT industries, the SecurOS™ SAN Storage 800 offers the latest in storage technology, ideal for mid-tier to large projects and installations. With reliability, performance, and affordability, the device is unparalleled in the industries it serves.

Best in class components with a warranty to match, the SecurOS™ SAN Storage 800 Series is designed to give you the power you need with the performance you can rely on. ISS tests, tunes, and guarantees that the SAN storage servers endure the toughest installations.

SYSTEM	
Operating Systems Supported	Windows Server 2016, VMware 6.5/6.0, Microsoft Hyper-V, RHEL 6.9/7.4
CPU	Intel® Xeon® Broadwell Processor
RAM	16GB (8GB per Controller)
Data Storage	SOS-STR-800-H-144T (Head Node): 144TB NL-SAS (12 x 12TB) SOS-STR-800-E-144T (Expander Node): 144TB NL-SAS (12 x 12TB), up to 9 Up to 1.44PB total
RAID	ADAPT (Distributed RAID); RAID 0, 1, 5, 6, 10 Dual RAID Controllers
Cache	Mirrored Cache, Supercapacitor cache backup, nonvolatile cache backup to flash
Connectivity	16Gb Fibre Channel, 10Gb iSCSI
Ports	4 x Fibre Channel or 4 x SFP+; 4 x Multi-protocol
Management Interface	MESM (HTML5 GUI, CLI, REST)
Warranty	5 Year Global Next Business Day, Onsite Warranty (Keep Your Own Hard Drives)
Accessories, included	USB Keyboard, Mouse, Rail Kit, 4 x DAC 10Gbps SFP+ to SFP+ Twinax Cables
MECHANICAL	
Form Factor	2U Rackmount Head Node and Expander
Data Drive Bays	12 x 3.5"
Power Supply	2 x 580W
AC Input VAC Freq.	100 VAC to 240 VAC
Cooling	Active
Operating Temperature	41°F to 104°F (5°C to 40°C)
Dimensions (WxDxH)	19" x 22.71" x 3.46" (482.6mm x 57.6mm x 87.9mm)
Weight	71 lbs (32.2 kg) Fully Populated
Mounting	Standard 19" Rack
Regulatory	UL 60950-1 (United States) CAN/CSA-C22.2 No.60950-1-07 (Canada) EN 60950-1 (European Union) IEC 60950-1 (International) CCC (China PRC - CCC Power Supplies) BIS (India - BIS Power Supplies) FCC CFR 47 Part 15 Subpart B Class A (United States) ICES/NMB-003 Class A (Canada) EN 55022/EN 55032:2012 Class A (EU) AS/NZS CISPR 22/CISPR 32 Class A (Australia/New Zealand) VCCI Class A (Japan) KN 22/KN 32 Class A (S. Korea) CNS 13438 Class A (Taiwan) EN 61000-3-2 (EU) EN 61000-3-3 (EU) EN 55024 (EU) KN 24/KN 35 (S. Korea) The RoHS Directive (2011/65/EU) The WEEE Directive (2012/19/EU) The REACH Directive (EC/1907/2006) The Batteries Directive (2006/66/EC) Australia/New Zealand (RCM), Canada (cUL/ICES/NMB-003 Class A), China (CCC - PSU only), European Union (CE), Japan (VCCI), South Korea (MSIP), Taiwan (BSMI), United States (FCC/UL)
ORDERING INFORMATION	
SecurOS™ SAN Storage Part Numbers	SOS-STR-800-H-144T, SOS-STR-800-E-144T

