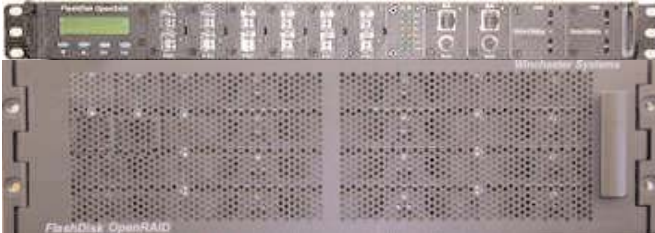


FlashDisk® SATA

SA-700

SATA Storage Expands to 400 Terabytes with up to 800 disk drives



The SA-700 is part of the FlashDisk SATA family of products providing highly scalable networked storage for the enterprise. The SA-700 is a cost-effective SATA storage solution capable of supporting up to 400 terabytes for applications such as data acquisition, audio and video digital libraries, nearline, data back ups and more. With a single 1U RAID head you can easily add up to 50 expansion shelves and simply “pay-as-you grow”. No need to modify host software or purchase additional host bus adaptors.

FlashDisk SATA SA-700

Capacity & Scalability

- Scales to 400 TB using 500 GB drives
- Supports up to 800 disk drives
- Supports 50 expansion units, 16 drives per unit
- 512 MB cache, upgradable to 2 GB
- Supports up to 8 direct-attached FC hosts

Reliability

- Hot-swappable power supplies, fans, AC power inlets, LAN & serial ports, and enclosure management
- Hot spares with automatic drive rebuilds

Compatibility

- Supports any open OS or server without any host software
- Supports up to 512 hosts
- Supports up to 2048 configurable LUNs

Centralized & Remote Management

- Managed out-of-band via Ethernet, Telnet, FlashConsole management appliance
- Automatic event and problem alert notification
- FlashAlert 24-hour “call-home” support service
- Centrally managed from any LAN workstation with a web browser without additional software

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<p>1U RAID Head RAID Controllers RAID levels supported Maximum data thrupt Maximum host data transfer On-line capacity expansion Cache memory capacity Non-volatile cache Maximum LUNs LUN masking Front end (host) connectivity Back end (disk) connectivity Host adaptors available for Power supplies AC Power Inlets Max. external cable length Operating LCD console</p> <p>1U RAID Head dimensions 1U RAID Head weight RAID head power consumption</p>	<p>SA-700 Two single 64-bit controllers 1, 3, 5, 1+0, 30, 50 1400 MB per second 8 host ports at 200 MB/second per channel Automatically adds new drives to existing array Up to 2 GB for reads & writes (1 GB per controller) Li-ION battery – min. 60 hours 2048 configurable LUNs (1024 per controller) Configurable using WWN (World Wide Name) Configurable up to 10, 2 Gb/sec SFP ports Configurable up to 10, 2 Gb/sec SFP disk loops PCI-X, PCI & SBus Dual hot-swap redundant, 300 watts each Dual IEC power connect Up to 10 kilometers with extended optical SFPs View and edit logical RAID/physical drives, setup hot-spare drives, map hosts, check parity, enable write-back cache, rebuild failed drive, view logs... 1.75" h x 17.5" w, 19.5" deep; std. 19" rackmount 28 lbs. 150 Watts</p>
<p>3U SATA Expansion Unit Maximum drives Maximum capacity Removable drive trays Power supplies & cooling fans Active components S.E.S./LRC Module Uninterruptible power supply Redundant AC power Shelf dimensions Shelf weight Operating temperature Cooling System Relative humidity</p>	<p>Model #SA-3430 16 per unit - 800 maximum fully expanded 8 TB per unit - up to 400 TB expanded Hot-swappable, individual drive LEDs and keylocks Dual hot-swap redundant, 460 watts each No active data path components on the midplane Dual loop, single module Required when using drive write-back cache Dual 90-260 VAC Inlet, 47-63 Hz 5.25" h x 17.5" w x 21.5" deep; std. 19" rackmount Approximately 80 lbs. fully loaded 0° to 40° C Two Dual hot-swap, ball bearing blowers; <50 dB-A 5-95%, non-condensing</p>
<p>SATA Disk Drives</p> <p>7200 rpm 10k rpm</p>	<p>400 GB, 500 GB 74 GB WD Enterprise SATA (ESATA)</p>

1U RAID Head with Dual Independent Controllers



FlashDisk SATA 1U RAID head can easily be configured for capacity and host expansion in the field.

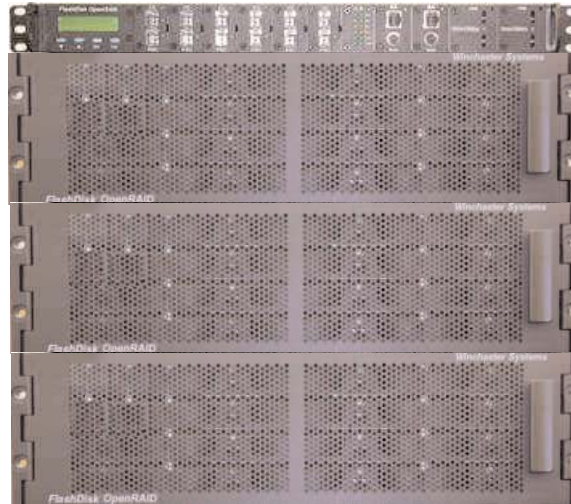
Data Center Cabinet



An optional 47U data center cabinet is available for an expanded FlashDisk SATA system providing up to 15 expansion units for a total capacity of over 120 TB in just six square feet of space.

<p>Compatibility Operating systems Platforms supported Cluster support Remote monitoring ports Communication protocols Compliance</p>	<p>Supports 14 Operating Systems including Windows, Linux, and UNIX Intel, SUN, HP, IBM RS-6000, Apple, SGI Supports 9 industry-standards including Windows, Linux, and Veritas RJ45 10/100 Ethernet, dual RS-232 TCP/IP, SNMP, SSH FCC, UL, CE, CSA</p>
<p>Options FlashNAS Appliance XOsoft WANsync</p>	<p>High performance NAS filer with snapshots; supports CIFS/NFS/AFP; NSPF option Replication over IP for disaster recovery</p>
<p>Storage Management Out of band management Centrally manage storage FlashConsole appliance FlashAlert call home service</p>	<p>Ethernet, Telnet, Manage from any LAN workstation with Java-based web browser without additional software. Automatic event and problem alert notification 24 hour call center available for immediate action</p>
<p>Warranty & Service Standard Warranty Installation and service</p>	<p>One year, next day on-site and toll-free-hotline On-site installation; 24x7 service available</p>

Easy Storage Capacity Expansion



The SA-3430 expansion unit can be used with the 1U RAID head for massive capacity expansion. Support all nearline applications including data acquisition, audio & video digital libraries, backups and more.



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149 Middlesex Turnpike, Burlington, MA 01803
800-325-3700 · 781-265-0200 · fax: 781-265-0201