

A SERIES BACKUP APPLIANCES

READY-TO-GO APPLIANCE

- Fully integrated hardware and software in one simple 2U package
- Backup data across multiple platforms and locations including virtual machines, local and remote devices
- Central management of all devices from one location
- Supports most operating systems, applications and databases
- Easily integrates with other appliances in the STORServer suite.
- Single point of contact for warranty and support

SAVES TIME & RESOURCES

- Easy to install, learn and use
- Manage in just minutes a day
- Fully automated disk-to-disk and disk-to-tape backup
- Disaster Recovery options for cloud or another appliance
- Current full backup plus older versions immediately available for restore
- Centrally manage backup for local, virtual and remote data
- Meets demanding RPO, RTO and business continuity requirements¹
- Customizable policies help to meet rigorous industry regulatory compliance requirements including HIPAA, Sarbanes-Oxley and more
- Expertly handle policy-based data retention needs
- Includes Silver, Gold, Platinum Solution support options

¹Customers with very tight Restore Point or Restore Time Objectives (RPO and RTO) can be assured that the STORServer Backup Appliances meet even the strictest requirements.

COST-EFFECTIVE, EASY-TO-USE, FULLY INTEGRATED BACKUP

STORServer's A series backup appliance is a compact, fully integrated solution for backup and archive and supports multiple disaster recovery options. As your business needs grow, so can your data protection solution with the addition of any appliance in the STORServer suite.

Affordably priced, the STORServer A series aggressively competes and wins against any similar sized backup solution. The A series appliances includes up to an impressive 30TB disk-based storage pool, 8 core processor and 96GB of memory, keeping pace with the most demanding data deduplication and virtual machine backup requirements.

STORServer's intuitive user interface console* makes daily management a snap, across your enterprise, from a single location. The A series appliances efficiently back up multiple operating systems and email applications plus support most popular database platforms (requires optional database agents). Backups and restores can take place across all network connections (NAS, SAN, LAN, WAN) from hundreds of storage devices.

STORServer's front to back support puts STORServer experts, arguably the best in the industry, at your fingertips.

**TSM only*



Contact Information

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FEATURES & BENEFITS

Production Ready

- Includes all hardware and software integration, service and support – one easy package, one easy price
- Plug in, deploy clients, begin backing up data the same day
- Optional virtual machine and database agents are available

Easy to Use

- Intuitive operations interface reduces management time and complexity
- Centralized management console allows you to automate daily processes and provides flexible and reliable scheduling
- Single point of contact for warranty and support
- Scale as you grow
- Connect to another appliance (A or EBA)

Policy-based Data Retention

- Flexible versioning (number and life) of data, updated and applied to existing stored data
- Point-in-time copies of regulated data on any media you choose

Storage Virtualization And Data Deduplication

- Incremental or progressive backups eliminate constant and redundant copying
- Reduces costs through hierarchical virtual storage pool technology
- Condenses duplicate bits, bytes, blocks and files to reduce network requirements and minimize use of storage media

HOW IT WORKS



1. STORServer backup appliances arrive production-ready to connect to your network.
2. The client software can be easily installed on servers and workstations by the customer.
3. Data flows from local or network storage into online storage pools.
4. Online, onsite pools copy to any one of three off-site disaster recovery pools.
5. After the initial full backup, subsequent backups are “incremental forever” – capturing new and changed data only. Older data is kept in storage pools until it exceeds the user-defined retention policy.
6. When a restore is required, the STORServer database produces the list of files to restore along with their locations in local and offsite storage pools. If the media is located offsite on removable media, the administrator is notified to service the restore.
7. All versions of files (current and older) are located in online storage pools and are available for immediate restore – no operator intervention required.
8. In the event of a disaster (loss of data), copies of all versions of all files are available in the optional offsite disaster recovery pool for restoration.



AVAILABLE MODELS

A550S	Daily Changed Data	Customer FRONT-END ENVIRONMENT SUPPORTED
SIZING	Up to 1TB	N/A
<p>The A550S is configured for smaller size environments with moderate storage requirements. The A550S contains a single 8 core 1.8GHZ processor and comes standard with 480GB of "Entry" class SSD storage in RAID-1 for the primary database, and 480GB of "Entry" class SSD storage in RAID-1 for the operating system, active log, archive log, and paging. Expand the appliance storage by adding up to 2 external "control" disk enclosures, with up to 3 expansion enclosures attached to each, as well as LTO tape libraries (subject to the limit of available expansion slots for the required host bus adapter(s)). This unit is currently not qualified for performing deduplication on backup data.</p>		
A550D	Daily Changed Data	Customer FRONT-END ENVIRONMENT SUPPORTED
SIZING	Up to 3TB	Up to 15 FET of customer data
<p>The A550D is configured for smaller size environments with moderate storage requirements. The A550S contains two 8 core 1.8GHz processors and comes standard with 480GB of "Mainstream" class SSD storage in RAID-1 for the primary database, and 480GB of "Entry" class SSD storage in RAID-1 for the operating system, active log, archive log, and paging. Expand the appliance storage by adding up to 2 external "control" disk enclosures, with up to 3 expansion enclosures attached to each, as well as LTO tape libraries (subject to the limit of available expansion slots for the required host bus adapter(s)). This unit IS qualified for deduplication, and for use as a Spectrum Protect PLUS Virtual machine backup appliance.</p>		
A550D-LD	Daily Changed Data	Customer FRONT-END ENVIRONMENT SUPPORTED
SIZING	Up to 3TB	Up to 30 FET of customer data
<p>The A550D-LD is configured for smaller size environments with moderate storage requirements. The larger database capacity (when compared with the A550D) makes it perfect for sites who will use internal server storage for storage pool needs, and therefore will not be able to expand the database in the future because no additional disk slots are available. The A550D-LD contains two 8 core 1.8GHz processors and comes standard with 960GB of "Mainstream" class SSD storage in RAID-1 for the primary database, and 480GB of "Entry" class SSD storage in RAID-1 for the operating system, active log, archive log, and paging. Expand the appliance storage by adding up to 2 external "control" disk enclosures, with up to 3 expansion enclosures attached to each, as well as LTO tape libraries (subject to the limit of available expansion slots for the required host bus adapter(s)). This unit IS qualified for deduplication, and for use as a Spectrum Protect PLUS Virtual machine backup appliance.</p>		
SOFTWARE		
<ul style="list-style-type: none"> IBM® Spectrum Protect™ (Tivoli Storage Manager) driven by the STORServer Console (SSC). Integrated with STORServer Virtual Machine Backup (VMB) and Disaster Recovery Manager (DRM). Server, Workstation and Laptop client licenses can be purchased by individual machine or by "Capacity" (per TByte of the primary backup storage pool, post-deduplication). The full suite of Commvault® Simpana® products for data management and protection is available. Please contact your reseller or channel manager to discuss options around licensing packages for Commvault® powered appliances. 		
DATABASE AGENTS		
DB Agents are available for each machine that needs a hot backup for email, SQL, or Oracle. For NetApp NDMP or SAN (LAN-free) backups see the EBA appliances.		
DISASTER RECOVERY (DR)		
Two backup appliances can send a replicated copy for DR through Server-to-Server or Node Replication. Also an appliance can have a remote, direct-attached disk or tape volume for copy. Tape can be used onsite and daily/weekly changes sent to a DR facility. And, Cloud can be used for DR, depending on network bandwidth and daily change rate.		
<p>Each A series appliance provides disk-to-disk-to-DR (Disk, Tape, Cloud, or Appliance) configurations and use the same, Enterprise or basic TSM or Commvault software as the EBA, providing for future growth and investment protection. Match your existing data storage environment to the "Customer Environment Supported" columns in the tables above to determine which series model or model combinations would best fit your business or visit storserver.com to size your STORServer Backup Appliance.</p>		

ABOUT STORSERVER

STORServer is a leading provider of data protection solutions and offers the only enterprise data backup appliance that is built to order. Each backup appliance solution is tailored to the customer's unique environment to simplify management of complex backup, archive and disaster recovery needs. STORServer's appliances feature enterprise class data backup, archive and disaster recovery software, hardware, services and U.S.-based customer support. For more information on STORServer, please visit our website.

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