

StorageWorks AIT Tape Solutions by Compaq

**Intelligent data
protection.
Smart value.**



COMPAQ
Inspiration Technology

Take your tape storage to the next level

Storage demands are growing exponentially, not only in the datacenter, but also in small departments and branch offices. That means you need a data protection solution that can reliably store, back up and retrieve your critical data – and do it quickly.

DAT technology just doesn't offer the capacity and performance most growing businesses require.

That's why DAT customers are rapidly migrating to Advanced Intelligent Tape (AIT) technology. AIT provides much higher capacity, superior data integrity and quicker performance than DAT – at a much better value.

AIT is the right solution

There's no better time to make the move to AIT and there's no better choice than Compaq. Compaq offers a comprehensive line-up of proven AIT-based products that make it simple to deploy a fully integrated, easy-to-manage, data protection solution in just about any environment. Whether it's direct-attach storage or a SAN-based solution you need, the Compaq family of AIT products gives you flexible alternatives.

Compaq AIT solutions enable you to rapidly, cost-effectively and confidently accommodate today's storage needs – and the needs of tomorrow.



Compaq StorageWorks AIT Tape Solutions



StorageWorks™ AIT tape solutions by Compaq offer vast improvements in density, transfer speed, and durability for today's DAT customers. Compaq AIT products are ideally suited for departmental and workgroup backups where you want outstanding capacity and performance at an affordable price. Available in 35GB, 50GB and 100GB native capacities, Compaq AIT drives are available in internal, external, hot-plug, rack-mount and library configurations – all ready to handle your increasing data storage requirements.

Low-maintenance solutions

All Compaq AIT tape devices use durable Advanced Metal Evaporated (AME) tape, which delivers exceptional strength and durability, reduced error rates and long recording life. High-density recording and low tape tension reduce drive head wear and improve system performance.

And unlike many conventional tape drives, the Compaq AIT drive constantly monitors head output to check for possible contamination and then invokes the built-in Active Head Cleaner. This reduces the need for periodic cleaning although an AIT cleaning cassette is also available.

Fast data access

The fast speed you can count on from Compaq AIT drives is due in part to Memory-In-Cassette (MIC) technology. MIC is flash memory that is embedded in every AIT tape cartridge. It allows high-speed media load, file search, and read/write access. The MIC offers fast load and unload times and access to your data in less than 27 seconds – from anywhere on the tape.

The benefits of MIC

- > Faster access to data
- > Better reliability through prediction of media degradation
- > Faster and more reliable access to volume serial information
- > Greater data integrity with a fault-tolerant system log
- > Enhanced media security via decryption codes stored in the MIC



StorageWorks AIT 35GB, IDE Tape Drive by Compaq with Retrospect Backup Bundle

The Compaq AIT 35GB, IDE tape drive bundled with Retrospect Backup software offers an affordable data protection solution for backing up the data on any Compaq ProLiant™ ML330e and ProLiant ML330 G2 server. It lets you backup data on ATA-based servers without additional SCSI controller card. This bundle uses the same reliable technology as Compaq enterprise-class AIT tape drives, and by including a full server-version of backup software, provides a complete solution at an affordable price.

- > 70GB capacity (2:1 compression)
- > 14.4GB/hr backup performance (2:1 compression)
- > 3.5-inch half-height form factor



StorageWorks AIT 35GB Drive by Compaq

The Compaq AIT 35GB tape drive is designed for entry-level and workgroup server environments, providing ideal capacities for affordable data protection solutions – making AIT the perfect replacement for DAT technology.

- > 70GB capacity (2:1 compression)
- > 28.8GB/hr backup performance (2:1 compression)
- > 3.5-inch half-height form factor



StorageWorks AIT 50GB Drive by Compaq

The Compaq AIT 50GB tape drive is ideal for workgroup and small departmental server environments where you want to reliably store large amounts of business-critical information in a small form factor.

- > 100GB capacity (2:1 compression)
- > 43.2GB/hr backup performance (2:1 compression)
- > 3.5 inch half height form factor



StorageWorks AIT 100GB Drive by Compaq

When you need even higher density for storage-intensive environments and faster performance, the Compaq AIT 100GB drive can reliably backup or archive large-scale network servers handling large volumes of images or other storage-demanding data. As the Compaq fastest performing tape drive, it's capable of backing up over 86GB/hr. It also offers the reliability datacenters are looking for with a MTBF of 400,000 hours at 100% duty cycle.

- > 100GB capacity (2:1 compression)
- > 86.4GB/hr backup performance (2:1 compression)
- > 3.5 inch half height form factor

Why Compaq for AIT?

- > **Data protection tools** – *StorageWorks* by Compaq has a suite of software tools to simplify the process of configuring, implementing and maintaining a data protection strategy.
- > **Complete qualification** – Compaq AIT solutions are thoroughly tested to ensure reliable interoperation of all your Compaq hardware components and the operating system and software you depend on.
- > **Industry-leading service and support** – Compaq Global Services will help you get the most from your AIT solution, wherever you do business.
- > **DRTape Disaster Recovery Utility** – Complete disaster recovery tool, restoring your operating system, software applications, and data – allowing you to boot from tape.
- > **Lower total costs** – Only Compaq offers management features such as integration with *Compaq Insight Manager™*, to help you reduce administration costs and lower your total cost of ownership.



StorageWorks SSL2020TL AIT Library by Compaq

When you need a fully automated, hands-off tape solution, the flexible SSL2020TL AIT Library is the ideal first step. A reliable, low-cost backup, restore and archival solution, this single- or dual-drive library offers 1TB (native) of storage in a 4U tabletop or rack configuration. Scalable and modular, libraries can be stacked five-high to give you up to 10TB of storage in 20U.

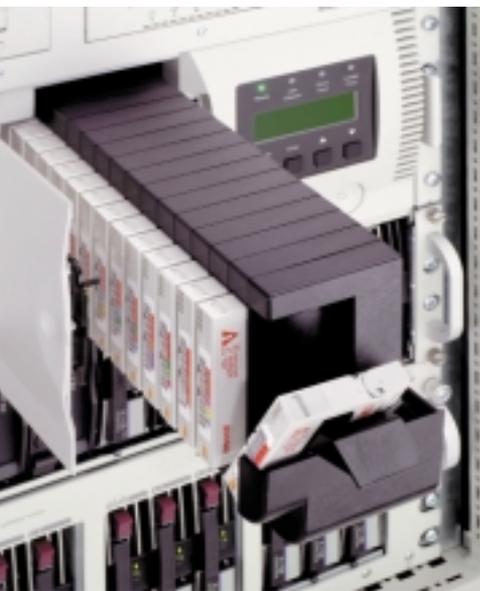
- > Unattended backup of up to 2TB of storage
- > Low-cost automation
- > High capacity in small 4U form factor
- > Transfer rates up to 40GB/hr in a single module let you rapidly back up large amounts of data
- > Easy to operate, with a removable magazine that simplifies off-site backup storage
- > Supports Compaq *Insight Manager*, enabling you to monitor library and drive status over your network, simplifying management and predicting trouble before it causes downtime



StorageWorks 3U RM Storage Enclosure by Compaq

Designed specifically for rack-dense datacenter, the cost-effective 3U RM Storage Enclosure enables you to consolidate multiple tape drives into an ultra-dense rack-mount space. Scalable and easy to use, it can support a variety of tape formats in addition to AIT – you can even combine multiple tape drive technologies in the same enclosure.

- > Allows you to install up to 4 AIT tape drives in a single 3U rackmount form factor
- > Supports complete line of Compaq internal tape drives for ultimate flexibility and investment protection
- > Top access door and slide-out drive trays simplify management and access to tape drives



SSL2020TL AIT Library removable magazine

For more information on the Compaq
StorageWorks full line of tape products,
please visit compaq.com/tapestorage

compaq.com

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