

Quantum offers the Atlas family of SCSI disk drives and DLTtape systems to address your needs regardless of your system configuration and business requirements.

DLTtape Storage Systems

PRODUCT	KEY FEATURES	BENEFITS
Quantum DLT 8000 Tape Backup System	<ul style="list-style-type: none"> • 40 GB Native capacity • 80 GB Compressed Capacity • 6 MB/Sec Native transfer rate • 250,000 MTBF at 100% duty cycle 	The Quantum DLT 8000 tape drive is designed around the fastest growing segment in the mid-range server market – WindowsNT. It is designed to optimize performance in the NT environment – which is needed by systems developers to ensure compatibility and optimum performance. The DLT8000 tape drive is scalable, making it possible to offer a single product for a wide range of applications and backup requirements.
Quantum DLT 7000 Tape Backup System	<ul style="list-style-type: none"> • 35 GB Native capacity • 70 GB Compressed capacity • 5 MB/Sec Native transfer rate • 200,000 MTBF at 100% duty cycle 	The Quantum DLT 7000 is the tape drive of choice for mid-range computers, network servers, high-end workstations, and main frame environment running UNIX, NetWare, and Windows NT, as well as proprietary operating systems.
Quantum DLT 4000 Tape Backup System	<ul style="list-style-type: none"> • 20 GB Native capacity • 40 GB Compressed capacity • 1.5 MB/Sec Native transfer rate • 200,000 MTBF at 100% duty cycle 	The Quantum DLT 4000 half-inch cartridge tape drive is designed for heavy-duty-cycle, mid range to high-end computer applications, including high-speed high-capacity mid-range computers, high-end workstations, and high-volume network servers.
Quantum DLTtape III, IIIxt, and IV Media	<ul style="list-style-type: none"> • 1/2 inch data cartridge • Metal particle formulation for high durability • Up to 1,828 feet length • 30 year archival storage life • 1,000,000 passes MTBF • Designed for DLT 4000, DLT 7000, and DLT 8000 tape drives, loaders and libraries 	Quantum DLTtape half-inch media cartridges, approved for use in all DLTtape drives and autoloaders, deliver the highest capacity of any cartridge used in a 5.25-inch tape drive-up to 40GB, or 80GB in compressed mode. Quantum DLTtape media cartridges feature a patented tape leader that delivers a consistent tape motion for greater accuracy and a special high grade metal particle formula that reduces tape and head wear.

Enterprise Storage Hard Disk Drives

PRODUCT	KEY FEATURES	BENEFITS
Quantum Atlas 10K	<ul style="list-style-type: none"> • 10,000 RPM spindle and 5ms average seek time • Ultra160/m SCSI interface • Quantum's Shock Protection System (SPS) • A/V ready performance features • 4.55 GB per platter • SCA or 68-pin wide connectors 	Blazing fast data access for all out performance. Fast 160 MB/sec interface bus. Highest I/O bandwidth available. Significantly reduces drive failures due to mishandling. Highest performance for graphics, video and audio applications. High capacity in a standard 3.5 inch form-factor. 9.1, 18.2 and 36.4 GB capacities available.
Quantum Atlas IV	<ul style="list-style-type: none"> • 7200 RPM spindle and 6.9ms average seek time • Ultra160/m SCSI interface • Quantum's Shock Protection System (SPS) • A/V ready performance features • 4.55 GB per platter • SCA or 68-pin wide connectors 	Best in class performance when value is important. Fast 160 MB/sec interface bus. Highest I/O bandwidth available. Significantly reduces drive failures due to mishandling. Highest performance for graphics, video and audio applications. High capacity in a standard 3.5 inch form-factor. 9.1, 18.2 and 36.4 GB capacities available.

Capacity

RELIABILITY



Innovation

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Quantum
DLTtape.

Quantum
Atlas.



Multiply the Benefits for You and Your Customers

Quantum® understands the opportunities and risks you face as a supplier of computing-solutions. Your customers demand reliable, custom-configured solutions with exceptional price/performance value. Quantum can help you meet these objectives with complete SCSI disk drive and DLTtape backup solutions. Quantum products deliver superior performance, flexible configurations, and reliable operation, and are backed by a single-source support team to help lower your overall solution costs. Integrating a **Quantum Atlas™** disk drive with a **DLTtape™** system gives you leading technology in both storage and backup.



"We want to be the most reliable Linux system provider, so we hand pick every manufacturer for our systems. Quantum Atlas drives have proven to be one of the most reliable and optimizable for our servers."

Andy Kaufman
Penguin Computing

"We recommend DLTtape backup. Customers select Omni Tech servers because they are reliable, so why would we include peripherals that aren't?"

Kirk Heminger
Omni Tech Corporation

Paired for Performance

Designed to maximize performance and value, the Quantum Atlas SCSI disk drive and DLTtape system offer you and your customers industry-leading results.

Superior Performance and Capacities. Nothing outperforms the Atlas 10K, the world's fastest hard drive*, and the Quantum Atlas IV holds the distinction of being the fastest in the 7200

RPM drive class. With these performance capabilities and capacities configurable up to 36.4GB, Quantum Atlas disk drives suit a broad range of server and workstation applications. The Quantum DLTtape system — chosen five times as often as other midrange server backup products — is the de facto standard in tape backup solutions. There are more than one-million DLTtape drives and thirty-million DLTtape cartridges serving satisfied worldwide customers.

Scalability. Compliant with the Ultra160/m SCSI standard that supports up to 15 devices per bus, Atlas drives make it simple to add storage capacity to meet your customers' expanding requirements. The Atlas 10K and Atlas IV disk drives also share a common electronics architecture and firmware code to help minimize your support costs. For scalable tape backup, Quantum's DLTtape system lets you upgrade with guaranteed backward read/write compatibility.

Proven Reliability

Renowned reliability makes a Quantum backup and storage solution an excellent investment. Quality parts, ECC, and our exclusive Shock Protection System contribute to dependable disk drive operation. Quantum DLTtape systems are designed at 100% duty cycle for mission-critical data environments, the reliability and proven track record of the Quantum DLTtape system is unmatched. For example, the Quantum DLT 8000 drive operates with an MTBF of 250,000 hours, media durability of one-million media passes, and a 30-year media shelf life.

Twice the Bragging Rights

When you choose a complete Quantum storage and backup solution, you are offering your customers the market-leading tape backup systems and the SCSI disk drives used by industry leaders such as Acer, Apple, Compaq Computer, Dell, Hewlett-Packard, IBM, NEC, and Silicon Graphics.

To find out more about these Quantum products and how we can help you quickly and confidently build

world-class computing solutions that strengthen your reputation as a quality provider, contact us at www.quantum.com

*Source: Storage Review

Performance

Combining Innovations

Quantum's storage solutions give your customers access to unique technological advances.

Quantum SPS

The Quantum Shock Protection System (SPS) consists of 14 separate, major enhancements to the disk mechanism. These combine to significantly reduce the damaging effects of mishandling during integration, a frequent cause of premature drive failures. Field data shows that Quantum SPS technology has reduced drive returns due to mishandling by 75 percent. The benefits to you are significant — fewer disk drive failures, fewer returns, shortened integration times, and lower total cost of ownership.

Optimized Tape Path and Capacity

A more direct, gentler tape path is key to the industry-leading reliability, long life, and accuracy of the Quantum DLTtape system. Pioneered by Quantum, DLTtape cartridges boast a one-reel design and maximize available space, packing 10,000 square inches of capacity onto each cartridge, compared to less than 2,000 square inches for an 8mm cassette.

