

P

AVAILABLE
WITH FIBRE
CHANNEL
INTERFACE



Fibre ready
Network ready
Server ready

P2000

A U T O M A T E D

D L T t a p e L I B R A R Y

DLTtape Libraries Desktop to Datacenter

Enterprise-Class
Performance,
Availability and
Capacity

THE NEW STANDARD IN MID-RANGE ENTERPRISE-CLASS DLTtape LIBRARIES

The P2000 automated tape library is designed for companies whose data is growing at Internet-speed. With high-availability and scalability options that are unmatched in the industry, the P2000 meets the requirements of data-intensive operations demanded by e-Business, ISPs, ASPs, and dot.com companies. Its flexible design allows attachment in traditional SCSI-based environments with an embedded Fibre Channel option to accommodate enterprise-class Storage Area Networks (SANs).

HIGH AVAILABILITY DESIGN FOR CONTINUOUS ACCESS TO YOUR DATA

The P2000 is the first mid-range tape library with the same high-availability features found in high-end server and RAID systems - features designed to keep the library on-line all the time. The P2000 offers redundant AC power sources, power supplies and fans, and user-replaceable, hot-swap and hot-plug drives, power supplies and fans. In addition, the P2000 includes ATL's reliable IntelliGrip™ precision cartridge handling system used in thousands of ATL libraries.

MASSIVE PERFORMANCE AND CAPACITY FOR DATA- INTENSIVE APPLICATIONS

The P2000 delivers tremendous performance and capacity. A single P2000 library supports up to 10 DLT 7000 drives and up to 198 cartridges for a native data transfer rate of 180 GB per hour and a native capacity of 6.9 TB. In an eight-hour window, a single P2000 can backup 1.4 TB (native). The P2000 can also scale to 52.4 TB of native storage and 1.3 TB per hour performance in the future by upgrading to new drive technology such as DLT 8000, LTO™ Ultrium™ and Super DLTtape™.*

PRISM STORAGE ARCHITECTURE™ FOR "FUTURE PROOF" STORAGE

ATL's Prism Storage Architecture makes the P2000 "future proof." Harnessing the power of a PCI expansion bus, the P2000 supports the phased implementation of user-installable upgrades such as Fibre Channel adapters, Gigabit network adapters and extended function controllers.

* Consult your ATL representative for availability



P2000 Features and Benefits

- High availability, redundant AC power, power supplies and fans for high availability
- Hot-swap, hot-plug tape drives, power modules and fans for online replacement
- Up to 10 DLTtape™ drives and 198 cartridges in a single library
- Up to 6.9 TB native capacity for future growth
- Up to 180 GB per hour native performance
- Scales to 72 drives and 1496 cartridges with scalability option
- Fibre Channel or SCSI interface
- Modular Prism Storage Architecture
- Mixed media support*
- Touch screen controls with browser-like graphical user interface
- WebAdmin™ software for remote administration
- 12-cartridge load port with two removable six-packs for online tape exchange
- Doors and windows for easy access and visibility
- Easy to install, no on-site assembly required

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ATL PRISM STORAGE OPTIONS

ATL's Prism Storage Options are tools for integrating a P2000 into enterprise infrastructures. The Storage Consolidation Option, a library partitioning feature, allows users to create and manage up to ten "virtual libraries" from within a single P2000 library, reducing costs compared to multiple smaller libraries. The Library Management Option delivers a complete suite of management tools, including WebAdmin for remote management and system updates. Additionally, an SNMP agent integrates with major network management frameworks including Computer Associates® Unicenter TNG®, HP® OpenView and Tivoli® TME™. The Scalability Option protects your investment by delivering storage scalability from two drives and 100 cartridges up to 72 drives and 1496 cartridges viewed as a single enterprise-class library, transparent to most software applications. The Fibre Channel Option easily converts the library from SCSI to Fibre Channel enabling SAN connectivity.

WORLDWIDE SERVICE AND SUPPORT

The P2000 library includes warranty options designed to fit your needs and is serviced by world-class trained and certified ATL service technicians. Special services include installation support, on-site customized service plans and SiteCare™ proactive service and training.



The P2000 Series features WebAdmin, a Web-based library management application

P 2 0 0 0 Series Specifications

Host Interfaces

SCSI Interface	Differential SCSI-3 "P" Fast & Wide, 68-pin Micro D female
Fibre Channel Interface	100MB/sec, Multi-mode optical, SC connector, 1 connection for each 8 tape drives
Software	SCSI-2 medium changer command set

Library Diagnostics

Port	2 x 9-pin RS-232C, EIA/TIA-574 female connector (cable included)
Diagnostics	RS-232C service port

Cabinet Characteristics

Height	75 inches (191 cm)
Width	36 inches (92 cm)
Depth	29 inches (74 cm)
Weight	985 pounds (447 kg) with 10 drives

Power Input

Electrical Rating	100-240V, 12A-6A, 50/60 Hz
Dissipation - Heat Load	1200w, 4,100 BTU/ Hr.
Power Cord	US NEMA 5-20P male IEC 320 C19 female Rated 125V 20A

Environmental

Operating Humidity	20% to 80%, non-condensing
Temperature	10°C to 32°C (50°F to 90°F)
Altitude	Sea level to 10,000 ft.

Non-operating (storage & shipping) Humidity	5% to 95%, non-condensing
Temperature	-40°C to 65°C (-40°F to 149°F)
Altitude	Sea level to 40,000 ft.

Agency Approvals

Safety	UL and cUL Listed 1950(C22.2-No. 950) TUV-EN60950, EN60825
EMC	FCC Part 15 Class A, CE Mark (89/336 EEC,73/23 EEC), VCCI Class A, C-Tick

Robotics Reliability

MTBF	250,000 power-on hours
MSBF	1 million load/unload cycles (swaps)
MTRR	Less than 30 minutes

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ATL maintains offices throughout the U.S.A., Europe and Asia.