

P

AVAILABLE
WITH FIBRE
CHANNEL
INTERFACE



Fibre ready
Network ready
Server ready

P6000

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

MASSIVE CAPACITY IN AN ENTERPRISE-CLASS DLTtape LIBRARY

The P6000 automated DLTtape™ library is designed to satisfy the extraordinary performance, capacity and accessibility requirements of data-intensive applications such as On-Line Transaction Processing (OLTP), data warehousing, e-commerce, image archiving and Storage Area Networks (SAN) requiring Fibre Channel.

HIGH AVAILABILITY DESIGN FOR CONTINUOUS ACCESS TO YOUR DATA

The P6000 DLTtape library has 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 P6000 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 P6000 includes ATL's reliable IntelliGrip™ precision cartridge handling system used in thousands of ATL libraries.

MASSIVE PERFORMANCE AND CAPACITY FOR DATA- INTENSIVE APPLICATIONS

The P6000 delivers tremendous performance and capacity. A single P6000 library supports up to 32 DLT7000 drives and up to 652 cartridges for a native data transfer rate of 576 GB per hour and a native capacity of 23 TB. In an eight-hour window, a single P6000 can backup 4.6 TB (native). The P6000 can also scale to 57 TB of native storage and 1.44 TB per hour performance (native). Add more capacity and performance in the future by upgrading to new drive technology such as DLT8000, LTO™ Ultrium™ and Super DLTtape™.*

PRISM STORAGE ARCHITECTURE™ FOR "FUTURE PROOF" STORAGE

ATL's Prism Storage Architecture makes the P6000 "future proof." Harnessing the power of a PCI expansion bus, the P6000 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



P6000 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 32 DLTtape drives and 652 cartridges in a single library
- Up to 23 TB native capacity for future growth
- Up to 576 GB per hour native performance
- Scales to 80 drives and 1630 cartridges with scalability option
- Fibre Channel or SCSI interface
- Modular Prism Storage Architecture
- Touch screen controls with browser-like graphical user interface
- WebAdmin™ software for remote administration
- Two 12-cartridge load ports with four removable six-packs for online tape exchange
- Doors and windows for easy access and visibility
- Easy to install, no on-site assembly required

Quantum. | ATL

P6000

ATL PRISM STORAGE OPTIONS

ATL's Prism Storage Options are tools for integrating a P6000 into enterprise infrastructures. The Storage Consolidation Option, a library partitioning feature, allows users to create and manage up to sixteen "virtual libraries" from within a single P6000 library, reducing costs compared to multiple smaller libraries. The Library Management Option delivers management tools 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 delivers storage scalability up to 80 drives and 1630 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 P6000 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.

P 6 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 6 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	117 inches (297 cm)
Depth	29 inches (74 cm)
Weight	2600 pounds (1179 kg) with 32 drives

Power Input

Electrical Rating	100-240V, 16A-8A, 50/60 Hz
Dissipation - Heat Load	1600w, 5460 BTU/Hr.
Power Cord	US NEMA 5-20P male IEC 320 C19 female Rated 125V 20A

Environmental

Operating Humidity	20% to 80%, non-condensing
Operating Temperature	10°C to 32°C (50°F to 90°F)
Operating Altitude	Sea level to 10,000 ft.
Non-operating (storage & shipping) Humidity	5% to 95%, non-condensing
Non-operating Temperature	-40°C to 65°C (-40°F to 149°F)
Non-operating Altitude	Sea level to 40,000 ft.

Agency Approvals

Safety	UL1950 Listed, cUL to CSA, 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)
MTTR	Less than 30 minutes

Unylogix Technologies Inc.

Tel: (514) 253-5200

email: info@unylogix.com
web site: www.unylogix.com



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