Quantum

PX502 Tape Library

Highly economical and reliable
tape automation

UP TO 2 DRIVES

32 DLT OR 38 LTO CARTRIDGES

STORAGECARE GUARDIAN

FEATURES AND BENEFITS

Backup, recovery and archiving of your mission-critical data is too important to compromise. Reliability and availability are not negotiable, and value is equally important. Quantum's PX502 tape library delivers high-end features at a superior value – and no compromises.

Offering enterprise-class features including StorageCare™ Guardian, scalable capacity and flexible configuration options the PX502 tape library provides investment protection and lower total cost of ownership. This entry-level tape library is easy to scale by adding additional tape drives and slots or you can seamlessly stack another PX502 for additional capacity. In addition it is capable of taking advantage of the world's best SAN strategies including Fibre Channel and iSCSI. Quantum offers both native Fibre Channel and bridged Fibre Channel options – so whatever your preference, you can do both with the PX502.

The PX502 tape library comes with a one-year next business day standard warranty and StorageCare Guardian, Quantum's proactive remote monitoring solution. The warranty can be extended for long-term security and peace of mind at an affordable price. Additional 5x9x4 and 7x24x4 service contract upgrade response levels are also available. Professional installation and integration services can be purchased through Quantum to ensure maximum uptime.

- Exceptional storage density with up to 25TB of native capacity in a compact 4U form factor.

- Enterprise-class Reliability and Availabilty – Hot-swappable drives, hot-swappable power supplies and redundant components allow maximum uptime for uninterrupted data protection and data availability

- Investment Protection - Easily upgrade your capacity and performance when your data requirements grow

- Flexible Configuration Options for your ever growing and changing data network
  - iSCSI, Fibre Channel, SCSI
  - LTO and DLT-S tape technologies
  - Mixed media
  - Partitioning

- Quantum's StorageCare Guardian for superior service options and peace of mind

PX502				
	Drives	Max Native Performance	Cartridges	Max Native Capacity
DLT-S4	1 or 2	432GB/Hr	32	25.6TB
LTO-3	1 or 2	576GB/Hr	38	15.2TB
SDLT 600	1 or 2	259.2GB/Hr	32	9.6TB
LTO-2	1 or 2	216GB/Hr	38	7.6TB
SDLT 320	1 or 2	115GB/Hr	32	5.1TB
Magazines	2 (15 slot DLT or 18 slot LTO)			
Loadport	5/10/15/30 (DLT) or 6/12/18/36 (LTO)			
Barcode Reader	Standard			
Remote Management	Standard			
Dimensions	6.75(H)x17.05(W)x32.78(D)			
Rack Space Required	4U			
Weight lbs (kg)	52 (23.6)			

COMPATIBILITY

Software/Hardware: Go to www.quantum.com/compatibility for the most up-to-date tested solutions

Scalability: With Integrated FlexLink two PX502 libraries can be combined for easy scalability

RELIABILITY

MTBF: 250,000 hours (on-hours)
MSBF: 2 million load/unload swaps
MTTR: Less than 30 minutes

HOST INTERFACES

LTO-2/SDLT 320: Wide Ultra2 SCSI
LTO-3/SDLT 600: Ultra 160 SCSI
DLT-S4: 4Gb/sec Fibre Channel/SCSI Ultra 320
FC1202: One Fibre Channel x two LVD SCSI router, 2Gb/sec, 1 slot cPCI form factor
TC2201: Two 1Gb/sec Ethernet (GbE) x two Ultra320 SCSI, 1 slot cPCI form factor

MANAGEMENT REQUIREMENTS

Management Requirements: Integrated Web-based Management is standard
Loadport: 5/10/15/30 SDLT; 6/12/18/36 LTO

ENVIRONMENTAL

Operating
   Temperature °F (°C): +10˚ C to +35˚ C
   Humidity: 20% to 80% non-condensing
   Altitude (ft. maximum): --500 to 10,000 feet (-153m to 3048m)
Non-Operating
   Temperature °F (°C): -40˚ C to +65˚ C
   Humidity (%): 10% to 90% non-condensing
   Altitude (ft. maximum): -500 to 40,000 feet (-153m to 12192m)

POWER REQUIREMENTS

Input Voltage: 90-264 VAC
Frequency: 47 to 63 Hz
Consumption: 900W Fully Populated, average
Heat Load: 3070 BTU/Hr fully populated, average
Heat Dissapation: PX502 300W (fully loaded), PX506 600W, PX510 900W
Power Cord (U.S. Included): US NEMA 5-15P

AGENCY APPROVALS

Safety: UL 60950-1 First Edition (Safety of Information Technology Equipment), CSA C22.2 No. 60950-1-03 First Edition. Evaluated for US and Canada, IEC 60950-1, First Edition (2001) CB Scheme including CB Certificate (evaluated with deviations for all countries), EN 60950-1:2001. GS Certificate (NEMKO preferred)
EMI/RFI: CISPR22/EN 55022 Class A
Agency Markings: CE, VCCI, FCC, CSA

WARRANTY

One-year next business day and StorageCare™ Guardian Remote Monitoring.

For contact and product information, visit quantum.com or call 800-677-6268

Quantum

Backup. Recovery. Archive. It's What We Do.

About Quantum

Quantum Corp. (NYSE:QTM) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.