



## PX500 Series

Redefining Customer Value in Enterprise Tape Automation

Backup, recovery and archiving of your mission-critical data is simply too important to compromise. Reliability and availability are not negotiable, and value is equally important. Quantum's PX500 Series of tape libraries delivers high-end features at a superior value - and no compromises. An attractive initial purchase price is just the beginning when it comes to the value of the PX500 Series.

Offering flexible enterprise-class features including StorageCare Guardian through a common modular architecture, the PX500 Series provides superior investment protection and low-total cost of ownership. The PX500 Series of rackmount tape libraries takes an intelligent, building-block approach to scalability using Quantum's unique FlexLink™ technology. You can scale and descale with ease and mix and match systems on demand -- all at no additional cost and without additional equipment or cabling.

The PX500 Series offers three distinct systems that provide three levels of capacity and performance starting points. From the entry-level PX502 tape library, the midrange PX506, and finally the enterprise-class PX510, the PX500 Series is a perfect fit for a wide-range of applications and environments.





### THREE MODELS

1 - 24 DRIVES

32 - 440 CARTRIDGES

STORAGECARE™ GUARDIAN

### FEATURES AND BENEFITS

-  Enterprise-class Reliability and Availability - Hot-swappable drives, hot-swappable power supplies and redundant components allow maximum uptime for uninterrupted data protection and data availability
-  Unrivaled Flexibility - With Quantum's unique FlexLink™ technology, the PX500 Series stands out from the competition. FlexLink™ enables you to scale and descale on demand, at no additional cost and without additional equipment or cabling
-  Common Components - All PX500 Series libraries utilize the same drive canisters, magazines, system controller board, and user management and diagnostic tools -- simplifying training, operations and maintenance
-  Superior Service and Availability - A single service call and spares inventory covers the entire PX500 Series product line





### PX502 At A Glance

Highly economical and reliable workgroup tape automation.

<b>Height:</b>	4U
<b>Max Drives:</b>	2
<b>Cartridges:</b>	32 (DLT)/38 (LTO)



### PX506 At A Glance

Bridges the gap between workgroup and enterprise needs – at a breakthrough price.

<b>Height:</b>	10U
<b>Max Drives:</b>	6
<b>Cartridges:</b>	88 (DLT)/100 (LTO)



### PX510 At A Glance

Enterprise-class tape automation at a groundbreaking price.

<b>Height:</b>	18U
<b>Max Drives:</b>	10
<b>Cartridges:</b>	171 (DLT)/201 (LTO)

## PX500 Series Specifications

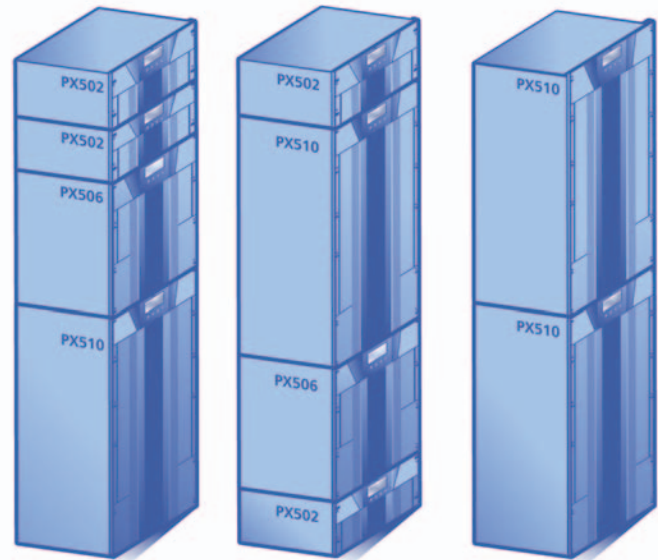
PX502		PX506				PX510						
	Max Native		Max Native		Max Native		Max Native		Max Native		Max Native	
	Drives	Performance	Cartridges	Capacity	Drives	Performance	Cartridges	Capacity	Drives	Performance	Cartridges	Capacity
<b>DLT-S4</b>	1 or 2	432GB/Hr	32	25.6TB	up to 6	1296GB/Hr	88	70.4TB	up to 10	2160GB/Hr	171	136.8TB
<b>LTO-3</b>	1 or 2	576GB/Hr	38	15.2TB	up to 6	1728GB/Hr	100	40.0TB	up to 10	2880GB/Hr	201	80.0TB
<b>SDLT 600</b>	1 or 2	259.2GB/Hr	32	9.6TB	up to 6	777.6GB/Hr	88	26.4TB	up to 10	1296GB/Hr	171	51.3TB
<b>LTO-2</b>	1 or 2	216GB/Hr	38	7.6TB	up to 6	648GB/Hr	100	20TB	up to 10	1080GB/Hr	201	40.2TB
<b>SDLT 320</b>	1 or 2	115GB/Hr	32	5.1TB	up to 6	345GB/Hr	88	14.1TB	up to 10	575GB/Hr	171	27.4TB
<b>Magazines</b>	2 (15 slot DLT or 18 slot LTO)				4 (15 slot DLT or 18 slot LTO)				10 (15 slot DLT or 18 slot LTO)			
<b>Loadport</b>	5/10/15/30 (DLT) or 6/12/18/36 (LTO)				5/10/15/30 (DLT) or 6/12/18/36 (LTO)				5/10/15/30 (DLT) or 6/12/18/36 (LTO)			
<b>Barcode Reader</b>	Standard				Standard				Standard			
<b>Remote Management</b>	Standard				Standard				Standard			
<b>Flexlink™ Scalability</b>	Standard				Standard				Standard			
<b>Dimensions</b>	6.75(H)x17.05(W)x32.78(D)				17.36(H)x17.05(W)x32.78(D)				31.36(H)x17.05(W)x32.78(D)			
<b>Rack Space Required</b>	4U				10U				18U			
<b>Weight lbs (kg)</b>	52 (23.6)				99 (44.9)				160.5(73)			

# PX500 Series

## A Smart Modular Design

A common firmware and management platform across the series assures you fast integration and ongoing flexibility. And all libraries in the PX500 Series utilize the same drive canisters, magazines, system controller board, user management and diagnostic tools. Quantum's unique Flexlink™ technology provides the ability to purchase with today's requirements in mind, and comfortably manage what is in store tomorrow. Common components also mean faster, easier maintenance and faster and easier upgrades.

*Mix and Match PX500 Series models as needed to cover a wide range of needs*

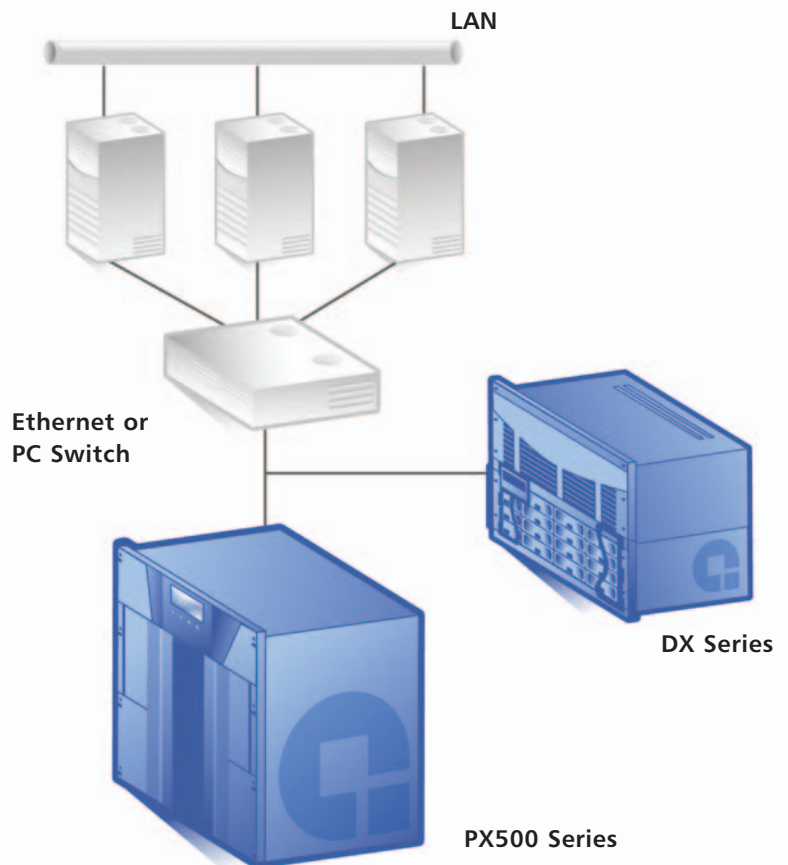


## Storage Networking Options

The PX500 Series 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. Whether your preference, you can do both with the PX500 Series.

## Superior Service and Support

The PX500 Series comes with a one-year next business day standard warranty and StorageCare™ Guardian, Quantum's new 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. Please contact Quantum for availability in your region.



**COMPATIBILITY**

**Software/Hardware:** Go to [www.quantum.com/compatibility](http://www.quantum.com/compatibility) for the most up-to-date tested solutions

**Scalability:** With integrated FlexLink™ multiple PX500 Series Tape 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:** Ultra2 SCSI LVD

**LTO-3/SDLT 600:** SCSI Ultra 320/2Gb/sec Fibre Channel

**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 on all PX500 Series products

**Loadport:** 5/10/15/30 SDLT; 6/12/18/36 LTO

**PHYSICAL SPECIFICATIONS**

Form Factor	PX502	PX506	PX510
Width (in/mm)	19 / 482	19 / 482	19 / 482
Height (in/mm)	6.75 / 171	17.25 / 438	31.25 / 794
Length (in/mm)	31 / 762	31 / 762	31 / 762
Weight (lbs/kg)	87 / 39	202 / 92	334 / 152

**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 Dissipation:** 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](http://quantum.com) or call **800-677-6268**

**Quantum**®

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

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**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.