

Toshiba PX02SM 2.5" 800 GB SAS eMLC

Brand : Toshiba

Product code: PX02SMF080

Product name : PX02SM

PX02SM - 800GB, 2.5", eMLC NAND, SAS

[Toshiba PX02SM 2.5" 800 GB SAS eMLC:](#)

PX02SM Series Solid State Drive

Toshiba's highest performance 2.5" Enterprise-Class Solid State Drive Architecture optimized for mission critical Tier-0 enterprise server & storage applications; features are highlighted by 6G/12G SAS along with industry standard self-encryption technology.

- 24nm eMLC NAND Process
- 12 Gb/sec SAS Interface & 6 Gb/sec SAS Interface
- Capacities up to 1.6TB*
- Quadruple Swing by Code, Layered ECC Approach
- for Improved Error Correction
- Power Loss Protection
- Security Models Available

Toshiba PX02SM. SSD capacity: 800 GB, SSD form factor: 2.5", Read speed: 1100 MB/s, Write speed: 420 MB/s, Component for: Server/workstation



Features		Operational conditions	
SSD form factor *	2.5"	Storage temperature (T-T)	-40 - 70 °C
SSD capacity *	800 GB	Operating relative humidity (H-H)	5 - 95%
Interface *	SAS	Operating vibration	1 G
Memory type *	eMLC	Non-operating vibration	5 G
Component for *	Server/workstation	Operating shock	1000 G
Read speed	1100 MB/s	Non-operating shock	1000 G
Write speed	420 MB/s	Weight & dimensions	
Random read (4KB)	137000 IOPS	Width	69.8 mm
Random write (4KB)	28000 IOPS	Depth	100 mm
Lithography	24 nm	Height	7 mm
Data retention	5 year(s)	Weight	70 g
Power		Other features	
Operating voltage	12 V	Internal	✓
Operational conditions		Power consumption (active)	9 W
Operating temperature (T-T)	0 - 55 °C		

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