

Toshiba PX02SMF020 internal solid state drive 2.5" 200 GB SAS eMLC

Brand : Toshiba

Product code: PX02SMF020

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PX02SMF, 200GB, 2.5", eMLC NAND, SAS

[Toshiba PX02SMF020 internal solid state drive 2.5" 200 GB SAS eMLC:](#)

The PX02SMF series is Toshiba's first eSSD to utilise cost-effective 24nm eMLC (enterprise multi-level cell) NAND technology, with capacities of 200/400/800GB and 1.6TB, and is also its first with a dual-port 12Gb/sec SAS interface. With a form-factor equivalent to industry-standard 2.5inch (6.4 cm) HDDs, the PX02SM series incorporates additional capabilities that enhance performance as well as reliability, including Toshiba's proprietary Quadruple Swing-By Code (QSBC) for improved error correction. Toshiba PX02SMF020. SSD capacity: 200 GB, SSD form factor: 2.5", Read speed: 900 MB/s, Write speed: 400 MB/s, Component for: Server/workstation

Features		Power	
SSD form factor *	2.5"	Operating voltage	5 V
SSD capacity *	200 GB	Operational conditions	
Interface *	SAS	Operating temperature (T-T)	0 - 55 °C
Memory type *	eMLC	Storage temperature (T-T)	-40 - 70 °C
Component for *	Server/workstation	Operating relative humidity (H-H)	5 - 95%
Read speed	900 MB/s	Weight & dimensions	
Write speed	400 MB/s	Width	69.8 mm
Random read (4KB)	120000 IOPS	Depth	100.5 mm
Random write (4KB)	25000 IOPS	Height	7 mm
Lithography	24 nm	Weight	69.85 g
Data retention	5 year(s)	Other features	
Mean time between failures (MTBF)	2000000 h	Internal	✓

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