TOSHIBA

Toshiba PX02SMF040 internal solid state drive 2.5" 400 GB SAS eMLC

Brand : Toshiba

Product code: PX02SMF040

Product name : PX02SMF040

PX02SMF, 400GB, 2.5", eMLC NAND, SAS

Toshiba PX02SMF040 internal solid state drive 2.5" 400 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 PX02SMF040. SSD capacity: 400 GB, SSD form factor: 2.5", Read speed: 900 MB/s, Write speed: 400 MB/s, Component for: Server/workstation

Features	
SSD form factor *	2.5"
SSD capacity *	400 GB
Interface *	SAS
Memory type *	eMLC
Component for *	Server/workstation
Read speed	900 MB/s
Write speed	400 MB/s
Random read (4KB)	120000 IOPS
Random write (4KB)	25000 IOPS
Lithography	24 nm
Data retention	5 year(s)

Features	
Mean time between failures (MTBF)	2000000 h
Power	
Operating voltage	5 V
Operational conditions	
Operating temperature (T-T)	0 - 55 °C
Storage temperature (T-T)	-40 - 70 °C
Weight & dimensions	
Width	69.8 mm
Depth	100.5 mm
Height	7 mm
Weight	69.85 g
Other features	
Internal	✓

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