

Toshiba PX03SNB160 internal solid state drive 2.5" 1.6 TB SAS eMLC

Brand : Toshiba

Product code: PX03SNB160

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1600GB SAS SAS 3.0

[Toshiba PX03SNB160 internal solid state drive 2.5" 1.6 TB SAS eMLC:](#)

Equipped with fast 12Gbit/s SAS-3.0 interface, the PX03SN series is optimized for read-intensive, and low-write-duty storage applications in server systems used in online transactions, cloud computing, online gaming, DVI video streaming and big data analytics.

The new eSSDs are available with capacities of 200GB (PX03SNF020), 400GB (PX03SNF040), 800GB (PX03SNF080) as well as 1.6TB (PX03SNB160), feature 19nm MLC NAND and support one full drive write per day with 100% random data workload. All drives deliver random write speeds up to 26,000 IOPS and random read speeds up to 130,000 IOPS.

Toshiba PX03SNB160. SSD capacity: 1.6 TB, SSD form factor: 2.5", Read speed: 1060 MB/s, Write speed: 380 MB/s, Data transfer rate: 12 Gbit/s, Component for: Server/workstation



Features		Operational conditions	
SSD form factor *	2.5"	Operating temperature (T-T)	0 - 55 °C
SSD capacity *	1.6 TB	Storage temperature (T-T)	-40 - 70 °C
Interface *	SAS	Operating relative humidity (H-H)	5 - 95%
Memory type *	eMLC	Operating vibration	2.17 G
Component for *	Server/workstation	Non-operating vibration	16.3 G
Data transfer rate	12 Gbit/s	Operating shock	1000 G
Read speed	1060 MB/s	Non-operating shock	1000 G
Write speed	380 MB/s		
Random read (4KB)	130000 IOPS	Weight & dimensions	
Random write (4KB)	26000 IOPS	Width	69.8 mm
Lithography	19 nm	Depth	100.5 mm
Mean time between failures (MTBF)	2000000 h	Height	15 mm
		Weight	170 g
Power		Other features	
Power consumption (idle)	3.6 W	Internal	✓

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