TOSHIBA

Brief Specification

End of Sales

PX04PMC SERIES

Enterprise Write Intensive SSD

Model Number		PX04PMC320	PX04PMC160	PX04PMC080
Basic Specifications				
Interface		PCI Express 3.0		
Interface Speed		32 GT/s (Gen3 x4)		
Memory Type		MLC		
Formatted Capacity		3,200 GB	1,600 GB	800 GB
Performance (Up to)	Sustained 128 KiB Sequential Read	3,100 MiB/s		
	Sustained 128KiB Sequential Write	2,350 MiB/s		
	Sustained 4KiB Random Read	660,000 IOPS		
	Sustained 4KiB Random Write	185,000 IOPS		
Power Requirements				
Supply Voltage	Allowable Voltage	3.3 V ± 9% (Standby) 12 V ± 10 %		
Power Consumption		6 W Typ.		
Reliability				
MTTF		2,000,000 hours		
DWPD		10 (fixed)		
Warranty		5 years		
Dimensions				
Height		68.77 mm ±0.13 mm		
Width		18.73 mm Max.		
Length		167.52 mm ±0.13 mm		
Weight		220 g Max.		

Definition of capacity: Toshiba defines a megabyte (MB) as 1,000,000 bytes, a gigabyte (GB) as 1,000,000,000 bytes and a terabyte (TB) as 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2^{30} = 1,073,741,824 bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

GT/s：Giga Transfers per second (The transfer speed only for effectiveness data)

A kibibyte (KiB) means 2^{10} or 1,024 bytes, a mebibyte (MiB) means 2^{20} or 1,048,576 bytes and a gibibyte (GiB) means 2^{30} or 1,073,741,824 bytes.

MTTF (Mean Time to Failure) is not a guarantee or estimate of product life; it is a statistical value related to mean failure rates for a large number of products which may not accurately reflect actual operation. Actual operating life of the product may be different from the MTTF.

DWPD: Drive Write Per Day. One full drive write per day means the drive can be written and re-written to full capacity once a day every day for five years, the stated product warranty period. Actual results may vary due to system configuration, usage and other factors.

The performance is measured in sustained condition.

Read and write speed may vary depending on the host device, read and write conditions and file size.

IOPS: Input Output Per Second (or the number of I/O operations per second)