

# Compatibility Guide



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## Toshiba PX02SM Series

PX02SMF020

PX02SMF040

PX02SMF080

PX02SMB160

Solid State Drives 200 / 400 / 800 / 1600GB\*  
2.5-Inch / eMLC NAND / 12Gb & 6Gb/sec SAS

Exclusively for the distribution channel, Toshiba's Test Lab performs interoperability testing to ensure compatibility between Toshiba's storage products with third party partners' products such as host bus adaptors, controller cards, enclosures and systems.

Toshiba is involved in numerous standards committees and expects its storage products to work with other combinations of industry standard hardware and software that may not have been tested in the Test Lab. Please contact Toshiba if you have specific questions or request for testing.

### Additional Toshiba Test Lab Services

In addition to interoperability testing, the Test Lab can also offer the following:

- Assist in performing joint qualification testing of customer-unique requirements
- Perform problem duplication and resolution of related issues in complete systems
- Perform compatibility testing of new Toshiba products and new firmware releases

## Systems

*Toshiba PX02SM series solid state drives have been tested and are compatible with the following systems:*

Intel H2216JFFJR	Intel H2312LPJR	Intel P4308GP2MHGC
Intel H2216JFFKR	Intel H2312LPKR	Intel P4308GP2MHJC
Intel H2216JFJR	Intel H2312LPQJR	Intel P4308IP4LHGC
Intel H2216JFKR	Intel H2312LPQKR	Intel P4308IP4LHJC
Intel H2216JFQJR	Intel H2312WPFJR	Intel P4308IP4LHKC
Intel H2216JFQKR	Intel H2312WPFKR	Intel P4308SC2MHGC
Intel H2216LPFJR	Intel H2312WPJR	Intel P4XXXIP4LXXC
Intel H2216LPFKR	Intel H2312WPKR	Intel R1208BB4DC
Intel H2216LPJR	Intel H2312WPQJR	Intel R1208EP2SHFN
Intel H2216LPKR	Intel H2312WPQKR	Intel R1208EP2SHOC
Intel H2216LPQJR	Intel P4208CP4MHGC	Intel R1208GL4DS
Intel H2216LPQKR	Intel P4208IP4LHGC	Intel R1208GZ4GC
Intel H2216WPFJR	Intel P4216IP4LHJC	Intel R1208GZ4GCIOC
Intel H2216WPFKR	Intel P4216IP4LHKC	Intel R1208GZ4GCSAS
Intel H2216WPJR	Intel P4224IP4LHKC	Intel R1304BB4DC
Intel H2216WPKR	Intel P4304CR2LFGN	Intel R1304EP2SFFN
Intel H2216WPQJR	Intel P4304CR2LFJN	Intel R1304EP2SHFN
Intel H2216WPQKR	Intel P4304CR2LFKN	Intel R1304EP2SHOC
Intel H2312JFFJR	Intel P4304FP2SFCN	Intel R1304GZ4GC
Intel H2312JFFKR	Intel P4304FP2SHDR	Intel R1304SP2SFBN
Intel H2312JFJR	Intel P4304GP2MHDR	Intel R1304SP2SHBN
Intel H2312JFQJR	Intel P4304SC2SFEN	Intel R1304SP2SHOC
Intel H2312JFQKR	Intel P4304SC2SHDR	Intel R1304SP4SHOC
Intel H2312LPFJR	Intel P4308CP4MHEN	Intel R2208GL4GS
Intel H2312LPFKR	Intel P4308CP4MHGC	Intel R2208GZ4GC

## Systems

*Toshiba PX02SM series solid state drives have been tested and are compatible with the following systems:*

Intel R2208GZ4GC10G	Intel R2224GZ4GC	Intel R2308IP4LHPC
Intel R2208GZ4GCSAS	Intel R2224GZ4GCSAS	Intel R2308SC2SHDR
Intel R2208GZ4IS	Intel R2224IP4LHPC	Intel R2308SC2SHFN
Intel R2208IP4LHPC	Intel R2304LH2HJC	Intel R2312BB4GCSAS
Intel R2208LH2HJC2	Intel R2304LH2HKC	Intel R2312GL4GS
Intel R2208LH2HKC2	Intel R2304LT2FKCM	Intel R2312GZ4GC
Intel R2208LT2HJC4	Intel R2304LT2HJC	Intel R2312GZ4GCSAS
Intel R2208LT2HKC4	Intel R2304LT2HKC	Intel R2312IP4LHPC
Intel R2216GZ4GC	Intel R2304LT2HVC	Intel R2312SC2SHGR
Intel R2216GZ4GCIOC	Intel R2308BB4GC	Supermicro 2027R-AR24NV
Intel R2216GZ4GCLX	Intel R2308GL4GS	Supermicro Server Sys. with LSI2208
Intel R2216IP4LHPC	Intel R2308GZ4GC	Supermicro Server Sys. with LSI3008
Intel R2224BB4GCSAS	Intel R2308GZ4GCIOC	Supermicro Server Sys. with LSI3108

## Host Bus Adapters (HBAs) and RAID Controllers

*Toshiba PX02SM series solid state drives have been tested and are compatible with the following HBAs and RAID controllers:*

Adaptec 6805Q with maxCache 2.0	Adaptec RAID 71605E	LSI MegaRAID SAS 9341-4i
Adaptec 6805TQ with maxCache 2.0	Adaptec RAID 71685	LSI MegaRAID SAS 9341-8i
Adaptec 71605Q with maxCache 3.0	Adaptec RAID 72405	LSI MegaRAID SAS 9361-4i
Adaptec 7805Q with maxCache 3.0	Adaptec RAID 7805	LSI MegaRAID SAS 9361-8i
Adaptec RAID 6405	Adaptec RAID 81605ZQ with maxCache Plus	LSI MegaRAID SAS 9381-4i
Adaptec RAID 6405E	Adaptec RAID 8405	LSI MegaRAID SAS 9381-8i
Adaptec RAID 6405T	Adaptec RAID 8805	LSI SAS 9300-4i
Adaptec RAID 6445	Adaptec RAID 8885	LSI SAS 9300-4i4e
Adaptec RAID 6805	Adaptec RAID 8885Q with maxCache Plus	LSI SAS 9300-8e
Adaptec RAID 6805E	ATTO Tech ExpressSAS H1208	LSI SAS 9300-8i
Adaptec RAID 6805T	ATTO Tech ExpressSAS H120F	LSI SAS 9311-4i4e
Adaptec RAID 70165	ATTO Tech ExpressSAS H1280	LSI SAS 9311-8i
Adaptec RAID 71605	ATTO Tech ExpressSAS H12F0	PMC PM8001 Tachyon SPC 8x6G

## Enclosures

*Toshiba PX02SM series solid state drives have been tested and are compatible with the following enclosures:*

Intel H2216XXJR  
Intel H2312XXJR  
Newisys NDS-2241  
Newisys NDS-2242

## Operating Systems

*Toshiba PX02SM series solid state drives have been tested and are compatible with the following operating systems:*

Windows Server 2012 R2

## Storage Management

*Toshiba PX02SM series solid state drives have been tested and are compatible with the following storage management solutions:*

Nexenta NexentaStor™ 3.0 and above\*\*\*

\*One Terabyte (1TB) = 1,000 Gigabytes (GB). One Gigabyte (1GB) means  $10^9 = 1,000,000,000$  bytes using powers of 10. 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 will also be less if the computer includes one or more pre-installed operating systems, pre-installed software applications, or media content. Actual formatted capacity may vary.

\*\*\* Validated eSSD with 6Gb/sec SAS interface

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