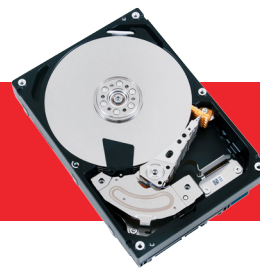


# Compatibility Guide



**TOSHIBA**  
Leading Innovation >>>

## Toshiba MG03SCA Series

MG03SCA100    MG03SCA200    MG03SCA300    MG03SCA400

Hard Disk Drives 1TB, 2TB, 3TB and 4TB\*

3.5-Inch / 7,200 RPM / 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 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 MG03SCA series hard disk drives have been tested and are compatible with the following systems:*

Infotrend ESDS S04S-G2240**	Infotrend ESDS S16E-R1140-4**	Infotrend ESDS S24E-G2142-6**
Infotrend ESDS S12E-G1140-2**	Infotrend ESDS S16E-R2142-6**	Infotrend ESDS S24F-G1440 **
Infotrend ESDS S12E-G2140-4**	Infotrend ESDS S16E-R2152-6**	Infotrend ESDS S24F-G1840-4**
Infotrend ESDS S12E-G2251**	Infotrend ESDS S16E-R2240**	Infotrend ESDS S24F-G2840-4**
Infotrend ESDS S12E-R2140-4**	Infotrend ESDS S16E-R2251**	Infotrend ESDS S24F-G2850**
Infotrend ESDS S12E-R2251**	Infotrend ESDS S16F-G1440 **	Infotrend ESDS S24F-G2851**
Infotrend ESDS S12F-G1440 **	Infotrend ESDS S16F-G1840-4 **	Infotrend ESDS S24F-R1440 **
Infotrend ESDS S12F-G1842-4**	Infotrend ESDS S16F-G2840-4**	Infotrend ESDS S24F-R1840-4**
Infotrend ESDS S12F-G2840-4**	Infotrend ESDS S16F-G2842-6**	Infotrend ESDS S24F-R2840-4**
Infotrend ESDS S12F-G2850**	Infotrend ESDS S16F-G2850**	Infotrend ESDS S24F-R2850**
Infotrend ESDS S12F-G2851**	Infotrend ESDS S16F-G2851**	Infotrend ESDS S24F-R2851**
Infotrend ESDS S12F-R1440 **	Infotrend ESDS S16F-G2852-6**	Infotrend ESDS S24S-G2240**
Infotrend ESDS S12F-R1840-4**	Infotrend ESDS S16F-R1440 **	Infotrend ESDS S24S-G2240-4**
Infotrend ESDS S12F-R2840-4**	Infotrend ESDS S16F-R1840-4**	Infotrend ESDS S48F-G2842-6**
Infotrend ESDS S12F-R2840N**	Infotrend ESDS S16F-R2840-4**	Infotrend ESDS S48F-R2842-6**
Infotrend ESDS S12F-R2850**	Infotrend ESDS S16F-R2842-6**	Intel H2216JFFJR**
Infotrend ESDS S12F-R2851**	Infotrend ESDS S16F-R2850**	Intel H2216JFFKR**
Infotrend ESDS S12F-S2840N**	Infotrend ESDS S16F-R2851**	Intel H2216JFJR**
Infotrend ESDS S12S-G2240**	Infotrend ESDS S16F-R2852-6**	Intel H2216JFKR**
Infotrend ESDS S12S-G2240-4**	Infotrend ESDS S16S-G2240**	Intel H2216JFQJR**
Infotrend ESDS S12S-R2240**	Infotrend ESDS S16S-G2240-4**	Intel H2216JFQKR**
Infotrend ESDS S12S-R2240-4**	Infotrend ESDS S16S-G2242-4**	Intel H2216LPJR**
Infotrend ESDS S16E-G1140-4**	Infotrend ESDS S16S-G2250**	Intel H2216WPFJR**
Infotrend ESDS S16E-G2142-6**	Infotrend ESDS S16S-R2240**	Intel H2216WPFKR**
Infotrend ESDS S16E-G2152-6**	Infotrend ESDS S16S-R2240-4**	Intel H2216WPJR**
Infotrend ESDS S16E-G2240**	Infotrend ESDS S16S-R2242-4**	Intel H2216WPKR**
Infotrend ESDS S16E-G2251**	Infotrend ESDS S16S-R2250**	Intel H2216WPQJR**

## Systems (continued)

Intel H2216WPQKR\*\*  
Intel H2312JFFJR\*\*  
Intel H2312JFFKR\*\*  
Intel H2312JFJR\*\*  
Intel H2312JFQJR\*\*  
Intel H2312JFQKR\*\*  
Intel H2312LPFJR\*\*  
Intel H2312LPFKR\*\*  
Intel H2312LPJR\*\*  
Intel H2312LPKR\*\*  
Intel H2312LPQJR\*\*  
Intel H2312LPQKR\*\*  
Intel H2312WPFJR\*\*  
Intel H2312WPFKR\*\*  
Intel H2312WPJR\*\*  
Intel H2312WPKR\*\*  
Intel H2312WPQJR\*\*  
Intel H2312WPQKR\*\*  
Intel JBOD2224S2DP\*\*  
Intel JBOD2312S2SP\*\*  
Intel P4208IP4LHGC\*\*  
Intel P4216IP4LHJC\*\*  
Intel P4216IP4LHKC\*\*  
Intel P4304BTLSF0NR\*\*  
Intel P4304BTLSFCN\*\*  
Intel P4304BTLSH0NR\*\*  
Intel P4304BTLSHCN\*\*  
Intel P4304BTSSF0NR\*\*  
Intel P4304BTSSF0NR\*\*  
Intel P4304BTSSF0NR\*\*  
Intel P4304CR2LFGN\*\*  
Intel P4304CR2LFJN\*\*  
Intel P4304CR2LFKN\*\*  
Intel P4304FP2SHDR\*\*  
Intel P4304GP2MHDR\*\*  
Intel P4304SC2SFEN\*\*  
Intel P4304SC2SHDR\*\*  
Intel P4304XXSFCN\*\*  
Intel P4304XXSHCN\*\*  
Intel P4308CP4MHEN\*\*  
Intel P4308CP4MHGC\*\*  
Intel P4308GP2MHGC\*\*  
Intel P4308IP4LHGC\*\*  
Intel P4308IP4LHJC\*\*  
Intel P4308IP4LHKC\*\*  
Intel P4308RPLSHDR\*\*  
Intel P4308SC2MHGC\*\*  
Intel R1208BB4DC\*\*  
Intel R1208BB4GS9\*\*  
Intel R1208GL4DS\*\*  
Intel R1208GZ4GC\*\*  
Intel R1208GZ4GCIOC\*\*  
Intel R1208GZ4GCSAS\*\*  
Intel R1208GZ4GS9\*\*  
Intel R1208GZ4GSAS\*\*  
Intel R1208JP40C\*\*  
Intel R1208JP4GS\*\*  
Intel R1208JP4TC\*\*  
Intel R1208RP0SH0R\*\*  
Intel R1208RPMSSH0R\*\*  
Intel R1304BB4DC\*\*  
Intel R1304BB4GS9\*\*  
Intel R1304BTLSFAN\*\*  
Intel R1304BTLSFANR\*\*  
Intel R1304BTLSHBN\*\*  
Intel R1304BTLSHBNR\*\*  
Intel R1304BTSSFAN\*\*  
Intel R1304EP2SFFN\*\*  
Intel R1304EP2SHFN\*\*  
Intel R1304EP2SHOC\*\*  
Intel R1304GZ4GC\*\*  
Intel R1304GZ4GS9\*\*  
Intel R1304JP40C\*\*  
Intel R1304JP4GS\*\*  
Intel R1304JP4TC\*\*  
Intel R1304RP0SHBN\*\*  
Intel R1304RPMSSH0R\*\*  
Intel R1304RPSSFBN\*\*  
Intel R1304SP2SFBN\*\*  
Intel R1304SP2SFBN\*\*  
Intel R1304SP2SH0C\*\*  
Intel R1304SP2SHBN\*\*  
Intel R1304SP2SHOC\*\*  
Intel R1304SP4SHOC\*\*  
Intel R1308GZ4GC\*\*  
Intel R2000BB4GS9\*\*  
Intel R2208BB4GC\*\*  
Intel R2208BB4GS9\*\*  
Intel R2208GL40S9\*\*  
Intel R2208GL4GS\*\*  
Intel R2208GZ4GC\*\*  
Intel R2208GZ4GCI0G\*\*  
Intel R2208GZ4GCSAS\*\*  
Intel R2208GZ4GS9\*\*  
Intel R2208GZ4IS\*\*  
Intel R2208IP4LHPC\*\*  
Intel R2216BB4GC\*\*  
Intel R2216GZ4GC\*\*  
Intel R2216GZ4GCIOC\*\*  
Intel R2216GZ4GCLX\*\*  
Intel R2224BB4GCSAS\*\*  
Intel R2224GZ4GC\*\*  
Intel R2224GZ4GC4\*\*  
Intel R2224GZ4GCSAS\*\*  
Intel R2224IP4LHPC\*\*  
Intel R2304LH2HKC\*\*  
Intel R2308BB4GC\*\*  
Intel R2308GL4DS9\*\*  
Intel R2308GL4GS\*\*  
Intel R2308GL4GS\*\*  
Intel R2308GZ4GC\*\*  
Intel R2308GZ4GC\*\*  
Intel R2308GZ4GCIOC\*\*  
Intel R2308GZ4GS9\*\*  
Intel R2308IP4LHPC\*\*  
Intel R2308SC2SHDR\*\*  
Intel R2308SC2SHFN\*\*  
Intel R2312BB4GS9\*\*  
Intel R2312GL4GS\*\*  
Intel R2312GZ4GC\*\*  
Intel R2312GZ4GCSAS\*\*  
Intel R2312GZ4GS9\*\*  
Intel R2312IP4LHPC\*\*  
Intel R2312SC2SHGR\*\*  
Intel R231GL4GS\*\*  
Intel R231GZ4GC4\*\*  
Intel S1200BTL\*\*  
Intel S1200BTS\*\*  
Intel S3420GPLC\*\*  
Intel S3420GPLX\*\*  
Intel S3420GPV\*\*  
Intel SC5650BCDPR\*\*  
Intel SC5650HCBRPR\*\*  
Intel SC5650SCWS\*\*  
Intel SR1530HSH\*\*  
Intel SR1530SH\*\*  
Intel SR1600URHSR\*\*  
Intel SR1630GP\*\*  
Intel SR1630GPRX\*\*  
Intel SR1630HGP\*\*  
Intel SR1630HGPRX\*\*  
Intel SR1640TH\*\*  
Intel SR1690WBR\*\*  
Intel SR1695GPRX1AC\*\*  
Intel SR1695GPRX2AC\*\*  
Intel SR1695WBAC\*\*  
Intel SR1695WBDC\*\*  
Intel SR2600URLXR\*\*  
Intel SR2600URSATAR\*\*  
Intel SR2612URR\*\*  
Synology RS10613xs+\*\*  
Synology RX1213SAS\*\*  
Supermicro Server Sys. with LSI2308  
Supermicro Server Sys. with LSI2208

## Systems (continued)

Supermicro Server Sys. with LSI2108  
Supermicro Server Sys. with LSI2008  
Supermicro Server Sys. with LSI2116  
Supermicro Server Sys. with C600 SAS  
Supermicro SS6017R-72HDP+  
Supermicro F627R3-RTB+  
Supermicro F627R3-F73  
Supermicro F627R3-F72PT+  
Supermicro F617H6-FT+  
Supermicro AS4042G-72RF4  
Supermicro 804R-7RFT+  
Supermicro 7047R-72RF  
Supermicro 7047R-72PFT  
Supermicro 7047AX-72RF  
Promise VTrak E830fD\*\*

Promise VTrak E830fS\*\*  
Promise VTrak E630fD\*\*  
Promise VTrak E630fS\*\*  
Promise VTrak J930s\*\*  
Promise VTrak J830sD\*\*  
Promise VTrak J830sS\*\*  
Promise VTrak J630sD\*\*  
Promise VTrak J630sS\*\*  
Promise VTrak J630sS\*\*  
Promise VTrak J630sS\*\*  
Promise Vess R2600fs\*\*  
Promise Vess R2600is\*\*  
Promise Vess J2600sS\*\*  
Promise VessRAID 1840f\*\*  
Promise VessRAID 1840s\*\*  
Promise VessRAID 1740s\*\*  
Promise VessRAID 1830s\*\*

Promise VessRAID 1730s\*\*  
Promise VessRAID 1840i+\*\*  
Promise VessRAID 1840i\*\*  
Promise VessRAID 1830i\*\*  
Promise VessRAID 1820i\*\*  
Promise VessRAID 1740i\*\*  
Promise VessRAID 1730i\*\*  
Promise VessRAID 1720i\*\*  
Promise VessJBOD 1840+\*\*  
Promise VessJBOD 1840\*\*  
Promise VessJBOD 1740\*\*  
Promise VessJBOD 1830\*\*  
Promise VessJBOD 1730\*\*  
Promise VessJBOD 1730\*\*

## Operating Systems

*Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following operating systems:*

Windows Server 2003 x64  
Windows Server 2008 R2 x64  
Windows Server 2012 family, x64  
Windows Server 2012 R2, x64  
Red Hat Linux x86 x64 ver. 6.1  
SuSE Linux 11 x64 SP2

## Enclosures and Chassis

*Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following enclosures and chassis:*

Intel H2216XXKR\*\*  
Intel H2312XXJR\*\*  
Intel H2312XXKR\*\*  
Intel MFSYS35\*\*  
Intel SC5299UP\*\*  
Intel SC5600BASE\*\*  
Intel SC5600BASE\*\*

Intel SC5600BRP\*\*  
Intel SC5600LX\*\*  
Intel SC5650BRP\*\*  
Intel SC5650BRP\*\*  
Intel SC5650DP\*\*  
Intel SC5650DP\*\*  
Intel SC5650WS\*\*

## Storage Management

*Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following storage management:*

Nexenta NexentaStor™ 3.0 and above

## HBA, RAID Controllers, and Clustering Solutions

Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following HBAs and RAID controllers:

Adaptec 6805Q with maxCache 2.0**	Intel RS2BL080SNGL	LSI MegaRAID SAS 9341-4i
Adaptec 6805TQ with maxCache 2.0**	Intel RS2MB044	LSI MegaRAID SAS 9341-8i
Adaptec 71605Q with maxCache 3.0**	Intel RS2PI008	LSI MegaRAID SAS 9361-4i
Adaptec 7805Q with maxCache 3.0**	Intel RS2PI008DE	LSI MegaRAID SAS 9361-8i
Adaptec RAID 6405**	Intel RS2SG244SNGL	LSI MegaRAID SAS 9381-4i
Adaptec RAID 6405E**	Intel RS2VB040	LSI MegaRAID SAS 9381-8i
Adaptec RAID 6405T**	Intel RS2VB080	LSI Nytro MegaRAID NMR 8100-4i
Adaptec RAID 6445**	Intel RS2WC040	LSI Nytro MegaRAID NMR 8110-4e
Adaptec RAID 6805**	Intel RS2WC080	LSI Nytro MegaRAID NMR 8110-4i
Adaptec RAID 6805E**	Intel RS2WG160	LSI Nytro MegaRAID NMR 8120-4e
Adaptec RAID 6805T**	LSI MegaRAID SAS 9240-4i	LSI Nytro MegaRAID NMR 8120-4i
Adaptec RAID 70165**	LSI MegaRAID SAS 9240-8i	LSI Nytro MegaRAID NMR 8140-8e8i
Adaptec RAID 71605**	LSI MegaRAID SAS 9260-16i	LSI SAS 9200-8e
Adaptec RAID 71605E**	LSI MegaRAID SAS 9260-4i	LSI SAS 9201-16e
Adaptec RAID 71685**	LSI MegaRAID SAS 9260-8i	LSI SAS 9201-16i
Adaptec RAID 72405**	LSI MegaRAID SAS 9260CV-4i	LSI SAS 9205-8e
Adaptec RAID 7805**	LSI MegaRAID SAS 9260CV-8i	LSI SAS 9206-16e
ATTO Tech ExpressSAS R680	LSI MegaRAID SAS 9260DE-8i	LSI SAS 9207-4i4e
ATTO Tech ExpressSAS R608	LSI MegaRAID SAS 9261-8i	LSI SAS 9207-8e
ATTO Tech ExpressSAS R60F	LSI MegaRAID SAS 9265-8i	LSI SAS 9207-8i
ATTO Tech ExpressSAS R644	LSI MegaRAID SAS 9266-4i	LSI SAS 9211-4i
ATTO Tech ExpressSAS H608	LSI MegaRAID SAS 9266-8i	LSI SAS 9211-8i
ATTO Tech ExpressSAS H6F0	LSI MegaRAID SAS 9270-8i	LSI SAS 9212-4i4e
ATTO Tech ExpressSAS H6F0 GT	LSI MegaRAID SAS 9271-4i	LSI SAS 9300-4i
ATTO Tech ExpressSAS H644	LSI MegaRAID SAS 9271-8i	LSI SAS 9300-4i4e
ATTO Tech ExpressSAS H680	LSI MegaRAID SAS 9271-8iCC	LSI SAS 9300-8e
ATTO Tech ExpressSAS H60F	LSI MegaRAID SAS 9280-16i4e	LSI SAS 9300-8i
Intel RS25DB080	LSI MegaRAID SAS 9280-24i4e	LSI SAS 9311-4i4e
Intel RS25NB008	LSI MegaRAID SAS 9280-4i4e	LSI SAS 9311-8i
Intel RS2BL040	LSI MegaRAID SAS 9280-8e	LSI Syncro CS 9271-8i
Intel RS2BL080	LSI MegaRAID SAS 9280DE-8e	LSI Syncro CS 9286-8e
Intel RS2BL080DE	LSI MegaRAID SAS 9285-8e	PMC PM8001 Tachyon SPC 8x6G

\*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.

\*\* 4TB capacity point has not officially been tested for compatibility on this partner solution.

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