

*Compatibility Report for:*

- *Adaptec HBA 1100-24i/16i/8e/8i/4i*
- *Adaptec SmartHBA 2100-24i/16i/8i/4i4e*
- *Adaptec SmartRAID 3101-4i/4iE*
- *Adaptec SmartRAID 3102-8i/8iE*
- *Adaptec SmartRAID 3151-4i*
- *Adaptec SmartRAID 3152-8i*
- *Adaptec SmartRAID 3154-8i/8e/8i8e/8i16e/16i/24i*
- *Adaptec SmartRAID 3162-8i/(8i /e)*

This Compatibility Report reflects testing performed by Microchip to test the interoperability of the products listed. It does not attempt to validate the quality of or preference for any of the listed products. It is also not an inclusive list and reflects a representative sample of products in each of the categories listed. All testing was done by the Microchip Product Verification Group and the InterOperability Test Lab.

Minimum testing for listed drive enclosures consists of recognition on each controller model and 24 hours of data integrity I/O stress load. For enclosures that have a FW Revision associated with them, indicating an intelligent backplane, Activity and Fault LEDs on the enclosure are also tested.

Minimum testing for listed hard disk drives (HDDs) and solid state drives (SSDs) includes direct-attached recognition on each controller model subjected to data integrity I/O stress load. When selecting a hard drive or SSD, be aware that other factors not taken into account during this testing may impact successful operation. Just a few examples of such are, the use of an enclosure/backplane, not following the drive vendor's usage guidelines, or not providing adequate environmental support. Our compatibility reports are intended to be used as a guideline for compatibility, but it's important to factor in all requirements for your particular configuration prior to selecting a hard drive to fit your needs.

Minimum testing for listed host systems and motherboards consists of single and multiple controller recognition, controller BIOS interaction with host, and operating system bootability from each controller from every compatible PCIExpress slot. Systems that are capable of supporting more than 4 GB and more than 8 GB of memory are also tested in operating system environments that support such a configuration. Please note that some systems or motherboards may be listed multiple times if different system BIOS or CPU configurations were used.

**Note:**

If you encounter problems with a certain system or device, check the manufacturer for the latest BIOS or microcode.

Go to the Adaptec web site frequently for the latest updated list at [www.microsemi.com/products/storage/compatibility](http://www.microsemi.com/products/storage/compatibility)

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*Compatibility Report for:*

- *Adaptec HBA 1100-24i/16i/8e/8i/4i*
- *Adaptec SmartHBA 2100-24i/16i/8i/4i4e*
- *Adaptec SmartRAID 3101-4i/4iE*
- *Adaptec SmartRAID 3102-8i/8iE*
- *Adaptec SmartRAID 3151-4i*
- *Adaptec SmartRAID 3152-8i*
- *Adaptec SmartRAID 3154-8i/8e/8i8e/8i16e/16i/24i*
- *Adaptec SmartRAID 3162-8i/(8i /e)*

\* Microchip is committed to providing customers with a stable product that offers both, high performance and high reliability. Enterprise class hard drives and SSDs should always be used on an enterprise class system. Desktop or consumer class drives should not be used due to faster wear-out, I/O timeout incompatibilities, lower tolerances for vibration, and a lack of end-to-end data error detection and correction.

Hard drive and SSD manufacturers develop drives to meet specific customer requirements for reliability, capacity, and performance. Using drives outside of their intended application can negatively impact server productivity and data reliability. Please contact the drive manufacturer regarding usage guidelines.

**Hard Disk Drives (HDDs)**

**Note: Drives of the same family with different capacity should be compatible as long as the drive has the same (or more recent) firmware.**

| Manufacturer | Interface | Family                                       | Category * | Model                    | FW Revision | Capacity | Speed   |
|--------------|-----------|--|------------|--------------------------|-------------|----------|---------|
| Seagate      | SATA      | Archive HDD                                  | Enterprise | ST5000AS0011             | CC43, CC44  | 5 TB     | 6 Gb/s  |
| Seagate      | SATA      | Archive HDD                                  | Enterprise | ST8000AS0002             | AR13        | 8 TB     | 6 Gb/s  |
| Seagate      | SAS       | Constellation                                | Enterprise | ST9500430SS              | 0002        | 500 GB   | 6 Gb/s  |
| Seagate      | SATA      | Constellation ES                             | Enterprise | ST33000650NS             | 0004        | 3 TB     | 6 Gb/s  |
| Seagate      | SATA      | Constellation ES.2                           | Enterprise | ST1000NM0011             | SN03        | 1 TB     | 6 Gb/s  |
| Seagate      | SATA      | Constellation.2                              | Enterprise | ST91000640NS             | SN02        | 1 TB     | 6 Gb/s  |
| Seagate      | SAS       | Enterprise Capacity 2.5 HDD v.3              | Enterprise | ST2000NX0273             | E001        | 2 TB     | 12 Gb/s |
| Seagate      | SATA      | Enterprise Capacity 2.5 HDD v.3              | Enterprise | ST1000NX0303 (4K Native) | NN01        | 1 TB     | 6 Gb/s  |
| Seagate      | SATA      | Enterprise Capacity 2.5 HDD v.3              | Enterprise | ST1000NX0313             | SN01        | 1 TB     | 6 Gb/s  |
| Seagate      | SAS       | Enterprise Capacity 2.5 HDD v.3              | Enterprise | ST1000NX0323(4K Native)  | K001        | 1 TB     | 12 Gb/s |
| Seagate      | SAS       | Enterprise Capacity 2.5 HDD v.3              | Enterprise | ST1000NX0333             | E001        | 1 TB     | 12 Gb/s |
| Seagate      | SATA      | Enterprise Capacity 2.5 HDD v.3              | Enterprise | ST2000NX0243 (4K Native) | NN01        | 2 TB     | 6 Gb/s  |
| Seagate      | SATA      | Enterprise Capacity 2.5 HDD v.3              | Enterprise | ST2000NX0253             | SN01        | 2 TB     | 6 Gb/s  |
| Seagate      | SAS       | Enterprise Capacity 2.5 HDD v.3              | Enterprise | ST2000NX0263 (4K Native) | K001        | 2 TB     | 12 Gb/s |
| Seagate      | SAS       | Constellation ES.2                           | Enterprise | ST33000650SS             | 0002        | 3 TB     | 6 Gb/s  |
| Seagate      | SAS       | Enterprise Capacity 3.5 (Constellation ES.3) | Enterprise | ST4000NM0023             | 0004        | 4 TB     | 6 Gb/s  |
| Seagate      | SAS       | Enterprise Capacity 3.5 (Constellation ES.3) | Enterprise | ST2000NM0034             | E001        | 2 TB     | 12 Gb/s |
| Seagate      | SATA      | Enterprise Capacity 3.5 (Constellation ES.3) | Enterprise | ST4000NM0053 (SED*)      | 0001        | 4 TB     | 6 Gb/s  |
| Seagate      | SAS       | Enterprise Capacity 3.5 HDD v.4              | Enterprise | ST2000NM0014 (4K Native) | K001        | 2 TB     | 12 Gb/s |

|         |      |                                       |            |                                  |      |        |         |
|---------|------|---------------------------------------|------------|----------------------------------|------|--------|---------|
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.4       | Enterprise | ST5000NM0024                     | SN01 | 5 TB   | 6 Gb/s  |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST2000NM0008                     | SN01 | 2 TB   | 6 Gb/s  |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST4000NM0045 (SED*)              | TS02 | 4 TB   | 6 Gb/s  |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST4000NM0065 (SED*)              | NT02 | 4 TB   | 12 Gb/s |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST6000NM0175 (SED*)              | SS02 | 6 TB   | 6 Gb/s  |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST6000NM0195 (SED*)              | ET01 | 6 TB   | 12 Gb/s |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST8000NM0055 (Non-SMR)           | SN02 | 8 TB   | 6 Gb/s  |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST8000NM0065 (4K Native Non-SMR) | K002 | 8 TB   | 12 Gb/s |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST8000NM0075 (Non-SMR)           | E002 | 8 TB   | 12 Gb/s |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST8000NM0085 (SED*)              | ET01 | 8 TB   | 12 Gb/s |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST8000NM0095 (4K Native & SED*)  | KT01 | 8 TB   | 12 Gb/s |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST8000NM0105 (SED*)              | SS01 | 8 TB   | 6 Gb/s  |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST6000NM0095                     | E003 | 6 TB   | 12 Gb/s |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST6000NM0105 (4K Native)         | K003 | 6TB    | 12 Gb/s |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.5       | Enterprise | ST6000NM0185 (4K Native & SED*)  | NS04 | 6 TB   | 6 Gb/s  |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0146 (4K Native)        | NN02 | 10 TB  | 6 Gb/s  |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0086                    | SN02 | 10 TB  | 6 Gb/s  |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0156 (SED*)             | CT02 | 10 TB  | 6 Gb/s  |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0216 (SED*)             | ET01 | 10 TB  | 12 Gb/s |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0226 (SED* & 4K Native) | KT01 | 10 TB  | 12 Gb/s |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0166 (4K Native)        | NS02 | 10 TB  | 6 Gb/s  |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0016                    | SN00 | 10 TB  | 6 Gb/s  |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0206 (4K Native)        | K001 | 10 TB  | 12 Gb/s |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.6       | Enterprise | ST10000NM0096                    | E001 | 10 TB  | 12 Gb/s |
| Seagate | SATA | Enterprise Capacity 3.5 HDD v.7       | Enterprise | ST12000NM0007 (SED* & 512e)      | SN01 | 12 TB  | 6 Gb/s  |
| Seagate | SAS  | Enterprise Capacity 3.5 HDD v.7       | Enterprise | ST12000NM0027                    | E001 | 12 TB  | 12 Gb/s |
| Seagate | SATA | Enterprise NAS HDD                    | Enterprise | ST6000VN0001                     | AN01 | 6 TB   | 6 Gb/s  |
| Seagate | SATA | Enterprise NAS HDD                    | Enterprise | ST8000NE0001                     | EN01 | 8 TB   | 6 Gb/s  |
| Seagate | SATA | Enterprise NAS HDD                    | Enterprise | ST8000VN0012                     | SC60 | 8 TB   | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance (Savvio) 15K.3 | Enterprise | ST9146853SS                      | 0002 | 146 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance (Savvio) 10K.3 | Enterprise | ST9300603SS                      | 0008 | 300 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance (Savvio) 10K.7 | Enterprise | ST1200MM0017                     | 0001 | 1.2 TB | 6 Gb/s  |
| Seagate | SATA | Enterprise Performance (Savvio) 10K.8 | Enterprise | ST1800MM0128                     | E002 | 1.8 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.8          | Enterprise | ST1200MM0008 (4K Native)         | K001 | 1.2 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.8          | Enterprise | ST1200MM0018                     | E001 | 1.2 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.8          | Enterprise | ST1800MM0008 (4K Native)         | K001 | 1.8 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.8          | Enterprise | ST1800MM0018                     | E001 | 1.8 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.8          | Enterprise | ST1800MM0088 (4K Native)         | K002 | 1.8 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.8          | Enterprise | ST900MM0008 (4K Native)          | K001 | 900 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.8          | Enterprise | ST900MM0018                      | E001 | 900 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.9          | Enterprise | ST1200MM0009 (512n)              | N001 | 1.2 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.9          | Enterprise | ST2400MM0129 (512e)              | C001 | 2.4 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 10K.9          | Enterprise | ST2400MM0139 (SED* & 512e)       | CT01 | 2.4 TB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 15K.4          | Enterprise | ST600MP0064                      | K201 | 600 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance 15K.4          | Enterprise | ST300MP0044 (SED*)               | TE01 | 300 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance 15K.4          | Enterprise | ST300MP0014 (SED*)               | TN02 | 300 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance 15K.4          | Enterprise | ST300MP0074 (SED* & 4K Native)   | TK01 | 300 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance 15K.4          | Enterprise | ST300MP0004                      | N001 | 300 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance 15K.4          | Enterprise | ST300MP0034                      | E001 | 300 GB | 6 Gb/s  |

|         |      |                                  |            |                                |      |        |         |
|---------|------|----------------------------------|------------|--------------------------------|------|--------|---------|
| Seagate | SAS  | Enterprise Performance 15K.4     | Enterprise | ST300MP0064 (4K Native)        | K001 | 300 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Performance 15K.5     | Enterprise | ST300MP0005                    | N001 | 300 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 15K.5     | Enterprise | ST300MP0035                    | 22A2 | 300 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 15K.5     | Enterprise | ST300MP0065 (4K Native)        | K001 | 300 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 15K.5     | Enterprise | ST300MX0032                    | 42A2 | 300 GB | 12 Gb/s |
| Seagate | SATA | Enterprise Performance 15K.5     | Enterprise | ST600MP0015 (SED*)             | NT02 | 600 GB | 12 Gb/s |
| Seagate | SATA | Enterprise Performance 15K.5     | Enterprise | ST600MX0062 (SED*)             | ET03 | 600 GB | 12 Gb/s |
| Seagate | SATA | Enterprise Performance 15K.5     | Enterprise | ST600MX0092                    | KT03 | 600 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 15K.6     | Enterprise | ST900MP0146                    | C001 | 900 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 15K.6     | Enterprise | ST900MP0006                    | N001 | 900 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 15K.6     | Enterprise | ST900MP0016 (SED*)             | NT02 | 900 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Performance 15K.6     | Enterprise | ST900MP0156 (SED* & 4K Native) | CT02 | 900 GB | 12 Gb/s |
| Seagate | SAS  | Enterprise Turbo SSHD            | Enterprise | ST300MX0014 (SED*)             | TE01 | 300 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Turbo SSHD            | Enterprise | ST300MX0034 (4K Native)        | K001 | 300 GB | 6 Gb/s  |
| Seagate | SAS  | Enterprise Turbo SSHD            | Enterprise | ST300MX0044 (SED* & 4K Native) | TK01 | 300 GB | 6 Gb/s  |
| Seagate | SATA | Exos 7E8                         | Enterprise | ST2000NM000A                   | TN01 | 2 TB   | 6 Gb/s  |
| Seagate | SAS  | Exos 7E8                         | Enterprise | ST2000NM003A                   | N001 | 2 TB   | 12 Gb/s |
| Seagate | SATA | Exos 7E8                         | Enterprise | ST8000NM000A (512e)            | SN01 | 8 TB   | 6 Gb/s  |
| Seagate | SAS  | Exos 7E8                         | Enterprise | ST8000NM001A (512e)            | E001 | 8 TB   | 12 Gb/s |
| Seagate | SATA | Exos 7E8                         | Enterprise | ST8000NM004A (512e)            | SS01 | 8 TB   | 6 Gb/s  |
| Seagate | SAS  | Exos 7E8                         | Enterprise | ST8000NM006A (512e)            | ET01 | 8 TB   | 12 Gb/s |
| Seagate | SATA | Exos X14                         | Enterprise | ST12000NM0008 (512e)           | SN02 | 12 TB  | 6 Gb/s  |
| Seagate | SAS  | Exos X14                         | Enterprise | ST12000NM0038 (512e)           | E002 | 12 TB  | 12 Gb/s |
| Seagate | SATA | Exos X14                         | Enterprise | ST12000NM0248 (SED* & 512e)    | 0002 | 12 TB  | 6 Gb/s  |
| Seagate | SATA | Exos X14                         | Enterprise | ST14000NM0018 (512e)           | SN01 | 14 TB  | 6 Gb/s  |
| Seagate | SAS  | Exos X14                         | Enterprise | ST14000NM0048 (512e)           | SS02 | 14 TB  | 12 Gb/s |
| Seagate | SATA | Exos X14                         | Enterprise | ST14000NM0258 (SED* & 512e)    | SS02 | 14 TB  | 6 Gb/s  |
| Seagate | SAS  | Exos X14                         | Enterprise | ST14000NM0288 (SED* & 512e)    | ET02 | 14 TB  | 12 Gb/s |
| Seagate | SATA | Exos X16                         | Enterprise | ST16000NM001G (512e)           | SN01 | 16 TB  | 6 Gb/s  |
| Seagate | SAS  | Exos X16                         | Enterprise | ST16000NM002G (512e)           | E001 | 16 TB  | 12 Gb/s |
| Seagate | SATA | Exos X16                         | Enterprise | ST16000NM003G (512e)           | SS02 | 16TB   | 6 Gb/s  |
| Seagate | SAS  | Exos X16                         | Enterprise | ST16000NM004G (512e)           | ET02 | 16TB   | 12 Gb/s |
| Seagate | SAS  | EXOS X18                         | Enterprise | ST18000NM004J - PN 2TV203-001  | E001 | 18TB   | 12 Gb/s |
| Seagate | SATA | EXOS X18                         | Enterprise | ST18000NM000J - PN 2TV103-001  | SN01 | 18TB   | 6 Gb/s  |
| Seagate | SATA | EXOS X18                         | Enterprise | ST18000NM001J - PN 2TV113-001  | SS01 | 18TB   | 6 Gb/s  |
| Seagate | SATA | IronWolf                         | Enterprise | ST12000VN0007                  | SC60 | 12 TB  | 6 Gb/s  |
| Seagate | SATA | IronWolf Pro                     | Enterprise | ST10000NE0004                  | EN01 | 2 TB   | 6 Gb/s  |
| Seagate | SATA | IronWolf Pro                     | Enterprise | ST12000NE0007                  | EN01 | 12 TB  | 6 Gb/s  |
| Seagate | SATA | Surveillance HDD                 | Desktop    | ST6000VX0001                   | VN01 | 6 TB   | 6 Gb/s  |
| Seagate | SATA | Terascale HDD (Constellation CS) | Enterprise | ST4000NC000                    | CE02 | 4 TB   | 6 Gb/s  |
| Seagate | SATA | Terascale HDD (Constellation CS) | Enterprise | ST4000NC001                    | CN02 | 4 TB   | 6 Gb/s  |
| Toshiba | SAS  | AL13SXBxxxN Series               | Enterprise | AL13SXB300N                    | 0101 | 300 GB | 6 Gb/s  |
| Toshiba | SAS  | AL14SEB**E* Series               | Enterprise | AL14SEB06EP                    | 0102 | 600 GB | 12 Gb/s |
| Toshiba | SAS  | AL14SXB**E* Series               | Enterprise | AL14SXB90EA                    | 0101 | 900 GB | 12 Gb/s |
| Toshiba | SAS  | AL15SEB**E* Series               | Enterprise | AL15SEB090N                    | 102  | 900 GB | 12 Gb/s |
| Toshiba | SAS  | AL15SEB**E* Series               | Enterprise | AL15SEB12EQ                    | 102  | 1.2 TB | 12 Gb/s |
| Toshiba | SAS  | AL15SEB**E* Series               | Enterprise | AL15SEB18EP                    | 102  | 1.8 TB | 12 Gb/s |
| Toshiba | SAS  | AL15SEB**E* Series               | Enterprise | AL15SEB24EQ                    | 102  | 2.4 TB | 12 Gb/s |
| Toshiba | SAS  | MBF2*** RC Series                | Enterprise | MBF2600RC                      | 0108 | 600 GB | 6 Gb/s  |

|                 |      |                     |              |                            |                  |        |         |
|-----------------|------|---------------------|--------------|----------------------------|------------------|--------|---------|
| Toshiba         | SATA | MG04ACaxxA Series   | Enterprise   | MG04ACA100N                | FJ4A             | 1 TB   | 6 Gb/s  |
| Toshiba         | SATA | MG04ACaxxA Series   | Enterprise   | MG04ACA500A (4K Native)    | FP1A, FP2A, FP4B | 5 TB   | 6 Gb/s  |
| Toshiba         | SATA | MG04ACaxxA Series   | Enterprise   | MG04ACA600A (4K Native)    | FS2B,FS4B        | 6 TB   | 6 Gb/s  |
| Toshiba         | SATA | MG04ACaxxE Series   | Enterprise   | MG04ACA500E                | FP1B, FP4B       | 5 TB   | 6 Gb/s  |
| Toshiba         | SATA | MG04ACaxxE Series   | Enterprise   | MG04ACA600E                | FS2B, FS4B       | 6 TB   | 6 Gb/s  |
| Toshiba         | SAS  | MG04SCAxxxA Series  | Enterprise   | MG04SCA500A (4K Native)    | 102              | 5 TB   | 6 Gb/s  |
| Toshiba         | SAS  | MG04SCAxxxE Series  | Enterprise   | MG04SCA500E                | 0102             | 5 TB   | 6 Gb/s  |
| Toshiba         | SAS  | MG04SCAxxxEx Series | Enterprise   | MG04SCA60EA (4K Native)    | 0101             | 6 TB   | 12 Gb/s |
| Toshiba         | SAS  | MG04SCAxxxEx Series | Enterprise   | MG04SCA60EE                | 0101             | 6 TB   | 12 Gb/s |
| Toshiba         | SAS  | MG05ACaxxE Series   | Enterprise   | MG05ACA800E                | GX08             | 8 TB   | 6 Gb/s  |
| Toshiba         | SATA | MG06ACaxxE Series   | Enterprise   | MG06ACA10TE                | 0108             | 10 TB  | 6 Gb/s  |
| Toshiba         | SAS  | MG06SCAxxxE Series  | Enterprise   | MG06SCA10TE                | 0104             | 10 TB  | 12 Gb/s |
| Toshiba         | SATA | MG07ACaxxA Series   | Enterprise   | MG07ACA12TA (4K Native)    | 0103             | 12 TB  | 6 Gb/s  |
| Toshiba         | SATA | MG07ACaxxE Series   | Enterprise   | MG07ACA14TE                | 0103             | 14 TB  | 6 Gb/s  |
| Toshiba         | SAS  | MG07SCAxxxA Series  | Enterprise   | MG07SCA14TA (4K Native)    | 0103             | 14 TB  | 12 Gb/s |
| Toshiba         | SAS  | MG07SCAxxxE Series  | Enterprise   | MG07SCA12TE                | 0102             | 12 TB  | 12 Gb/s |
| Toshiba         | SAS  | MG07SCAxxxE Series  | Enterprise   | MG07SCA14TE                | 0102             | 14 TB  | 12 Gb/s |
| Toshiba         | SATA | MG08 Series         | Enterprise   | MG08ACA16TE (512 emulated) | 0102             | 16TB   | 6 Gb/s  |
| Toshiba         | SATA | MG08 Series         | Enterprise   | MG08ACA16TA (4k native)    | 0102             | 16TB   | 6 Gb/s  |
| Toshiba         | SAS  | MG08 Series         | Enterprise   | MG08SCA16TE (512 emulated) | 0101             | 16TB   | 12 Gb/s |
| Toshiba         | SAS  | MG08 Series         | Enterprise   | MG08SCA16TA (4k native)    | 0101             | 16TB   | 12 Gb/s |
| Toshiba         | SATA | MG08 Series         | Enterprise   | MG08ADA400N (512 native)   | 0101             | 4TB    | 6 Gb/s  |
| Toshiba         | SATA | MG08 Series         | Enterprise   | MG08ADA400E (512 emulated) | 0101             | 4TB    | 6 Gb/s  |
| Toshiba         | SAS  | MG08 Series         | Enterprise   | MG08SDA400N (512 native)   | 0101             | 4TB    | 12 Gb/s |
| Toshiba         | SAS  | MG08 Series         | Enterprise   | MG08SDA400E (512 emulated) | 0101             | 4TB    | 12 Gb/s |
| Toshiba         | SATA | MG08 Series         | Enterprise   | MG08ADA600A (4k native)    | 0101             | 6TB    | 6 Gb/s  |
| Toshiba         | SATA | MG08 Series         | Enterprise   | MG08ADA600E (512 emulated) | 0101             | 6TB    | 6 Gb/s  |
| Toshiba         | SAS  | MG08 Series         | Enterprise   | MG08SDA600A (4k native)    | 0101             | 6TB    | 12 Gb/s |
| Toshiba         | SAS  | MG08 Series         | Enterprise   | MG08SDA600E (512 emulated) | 0101             | 6TB    | 12 Gb/s |
| Toshiba         | SATA | MG08 Series         | Enterprise   | MG08ADA600A (4k native)    | 0101             | 6TB    | 6 Gb/s  |
| Toshiba         | SATA | MG08 Series         | Enterprise   | MG08ADA600E (512 emulated) | 0101             | 6TB    | 6 Gb/s  |
| Toshiba         | SAS  | MG08 Series         | Enterprise   | MG08SDA600A (4k native)    | 0101             | 6TB    | 12 Gb/s |
| Toshiba         | SAS  | MG08 Series         | Enterprise   | MG08SDA600E (512 emulated) | 0101             | 6TB    | 12 Gb/s |
| Western Digital | SATA | DC HC330            | Enterprise   | WUS721010ALE6L4 (512e)     | 920              | 10 TB  | 6 Gb/s  |
| Western Digital | SAS  | DC HC330            | Enterprise   | WUS721010ALS5204 (512e)    | 920              | 10 TB  | 6 Gb/s  |
| Western Digital | SATA | DC HC530            | Enterprise   | WUH721414ALE6L4            | LDGNW07G         | 14 TB  | 6 Gb/s  |
| Western Digital | SAS  | DC HC530            | Enterprise   | WUH721414AL5204            | C07G             | 14 TB  | 12 Gb/s |
| Western Digital | SAS  | DC HC550            | Enterprise   | WUH721818AL5204            | C120             | 18TB   | 12 Gb/s |
| Western Digital | SATA | DC HC550            | Enterprise   | WUH721818ALE6L4            | PCGNW120         | 18TB   | 6 Gb/s  |
| Western Digital | SATA | VelociRaptor        | Desktop      | WD6000BLHX                 | 04.05G04         | 600 GB | 6 Gb/s  |
| Western Digital | SATA | WD Purple           | Surveillance | WD60PURX                   | 80.00A80         | 6 TB   | 6 Gb/s  |
| Western Digital | SATA | WD Ae               | Enterprise   | WD600PF4PZ                 | 01.0RAE1         | 6 TB   | 6 Gb/s  |
| Western Digital | SAS  | WD Re               | Enterprise   | WD4001FYYG                 | VR02             | 4 TB   | 6 Gb/s  |
| Western Digital | SATA | WD Re               | Enterprise   | WD4000FYYZ                 | 01.01K01         | 4 TB   | 6 Gb/s  |
| Western Digital | SATA | WD Re               | Enterprise   | WD2004FBYZ                 | RR01             | 2 TB   | 6 Gb/s  |
| Western Digital | SATA | WD Red              | NAS          | WD10JFCX                   | 01.01A01         | 1 TB   | 6 Gb/s  |
| Western Digital | SATA | WD Se               | Enterprise   | WD1002F9YZ                 | 01.01M02         | 1 TB   | 6 Gb/s  |
| Western Digital | SATA | WD Se               | Enterprise   | WD4000F9YZ                 | 01.01AX1         | 4 TB   | 6 Gb/s  |
| Western Digital | SATA | WD Gold             | Enterprise   | WD4002FYYZ                 | 01.01M02         | 4 TB   | 6 Gb/s  |

|                        |      |                     |            |                   |                    |        |        |
|------------------------|------|---------------------|------------|-------------------|--------------------|--------|--------|
| Western Digital        | SAS  | WD Xe               | Enterprise | WD6001BKHG        | SR03               | 600 GB | 6 Gb/s |
| Western Digital        | SAS  | WD Xe               | Enterprise | WD9001BDHG (SED*) | SR07               | 900 GB | 6 Gb/s |
| Western Digital        | SAS  | WD Xe               | Enterprise | WD9001BKHG        | SR04               | 900 GB | 6 Gb/s |
| Western Digital        | SAS  | WD Xe               | Enterprise | WD9001HKHG        | SR04               | 900 GB | 6 Gb/s |
| Western Digital        | SATA | WD Gold             | Enterprise | WD6002FRYZ        | 01.01M02           | 6 TB   | 6 Gb/s |
| Western Digital (HGST) | SATA | Deskstar 5K3000     | Desktop    | HDS5C3020ALA632   | ML60A180           | 2 TB   | 6 Gb/s |
| Western Digital (HGST) | SATA | Deskstar 5K3000     | Desktop    | HDS723030ALA640   | MKAOA5C0           | 3 TB   | 6 Gb/s |
| Western Digital (HGST) | SATA | MegaScale DC 4000.B | Enterprise | HMS5C4040BLE640   | MPAOA5D0           | 4 TB   | 6 Gb/s |
| Western Digital (HGST) | SATA | Ultrastar 7K3000    | Enterprise | HUA723020ALA640   | MK7OA580           | 2 TB   | 6 Gb/s |
| Western Digital (HGST) | SATA | Ultrastar 7K3000    | Enterprise | HUA723030ALA640   | MKAOA3B0, MKAOA800 | 3 TB   | 6 Gb/s |

**Compatibility Report for:**

- Adaptec HBA 1100-24i/16i/8e/8i/4i
- Adaptec SmartHBA 2100-24i/16i/8i/4i4e
- Adaptec SmartRAID 3101-4i/4iE
- Adaptec SmartRAID 3102-8i/8iE
- Adaptec SmartRAID 3151-4i
- Adaptec SmartRAID 3152-8i
- Adaptec SmartRAID 3154-8i/8e/8i8e/8i16e/16i/24i
- Adaptec SmartRAID 3162-8i/(8i/e)

\* Microchip is committed to providing customers with a stable product that offers both, high performance and high reliability. Enterprise class hard drives and SSDs should always be used on an enterprise class system. Desktop or consumer class drives should not be used due to faster wear-out, I/O timeout incompatibilities, lower tolerances for vibration, and a lack of end-to-end data error detection and correction.

Hard drive and SSD manufacturers develop drives to meet specific customer requirements for reliability, capacity, and performance. Using drives outside of their intended application can negatively impact server productivity and data reliability. Please contact the drive manufacturer regarding usage guidelines.

**Solid State Drives (SSDs)**

**Note: Drives of the same family with different capacity should be compatible as long as the drive has the same (or more recent) firmware.**

| Manufacturer | Interface | Family              | Category * | Model           | FW Revision | Capacity | Speed  |
|--------------|-----------|---------------------|------------|-----------------|-------------|----------|--------|
| ATP          | SATA      | ATP A600Sc          | Enterprise | AF120GSTCJ-ZR1  | S1206A      | 120 GB   | 6 Gb/s |
| ATP          | SATA      | ATP A600Sc          | Enterprise | AF240GSTCJ-ZR1  | S1206A      | 240 GB   | 6 Gb/s |
| ATP          | SATA      | ATP A600Sc          | Enterprise | AF480GSTCJ-ZR1  | S1206A      | 480GB    | 6 Gb/s |
| ATP          | SATA      | ATP A600Sc          | Enterprise | AF960GSTCJ-ZR1  | S1206A      | 960GB    | 6 Gb/s |
| ATP          | SATA      | ATP A600Sc          | Enterprise | AF1T92STCJ-ZR1  | S1206A      | 1.9TB    | 6 Gb/s |
| Intel        | SATA      | 520 Series          | Enterprise | SSDSC2CW240A3   | 400i        | 240 GB   | 6 Gb/s |
| Intel        | SATA      | DC S3500 Series     | Enterprise | SSDSC2BB240G401 | D2010370    | 240 GB   | 6 Gb/s |
| Intel        | SATA      | DC S3500 Series     | Enterprise | SSDSC2BB480G4T  | D10A030D    | 480 GB   | 6 Gb/s |
| Intel        | SATA      | DC S3610 Series     | Enterprise | SSDSC2BX012T4   | G2010110    | 1200 GB  | 6 Gb/s |
| Intel        | SATA      | DC S3700 Series     | Enterprise | SSDSC2BA400G3   | 5DV10250    | 400 GB   | 6 Gb/s |
| Intel        | SATA      | DC S4500 Series     | Enterprise | SSDSC2KB960G7ES | SCV10100    | 960 GB   | 6 Gb/s |
| Intel        | SATA      | DC S4600 Series     | Enterprise | SSDSC2KG960G7ES | SCV10100    | 960 GB   | 6 Gb/s |
| Kingston     | SATA      | DC450 Series        | Enterprise | SEDC450R/960    | SCEKH3.3    | 960 GB   | 6 Gb/s |
| Kingston     | SATA      | DC500 Series        | Enterprise | SEDC500M/960    | SCEKJ2.7    | 960 GB   | 6 Gb/s |
| Kingston     | SATA      | DC500 Series        | Enterprise | SEDC500R/960    | SCEKJ2.3    | 960 GB   | 6 Gb/s |
| Kingston     | SATA      | SSDNow KC310 Series | Enterprise | SKC310S37A/960G | SAFM00.r    | 960 GB   | 6 Gb/s |
| Kingston     | SATA      | SSDNow DC400 Series | Enterprise | SEDC400S37/480G | SAFM02.G    | 480 GB   | 6 Gb/s |
| Kingston     | SATA      | SSDNow DC450 Series | Enterprise | SEDC450R/960G   | SCEKH3.3    | 480 GB   | 6 Gb/s |
| Kingston     | SATA      | SSDNow DC500 Series | Enterprise | SEDC500M/960G   | SCEKJ2.7    | 960 GB   | 6 Gb/s |
| Kingston     | SATA      | SSDNow DC500 Series | Enterprise | SEDC500R/960G   | SCEKJ2.3    | 960 GB   | 6 Gb/s |



|          |      |                     |            |                     |          |         |         |
|----------|------|---------------------|------------|---------------------|----------|---------|---------|
| Kingston | SATA | SSDNow KC400 Series | Enterprise | SKC400S37/128G      | SAFM00.W | 128 GB  | 6 Gb/s  |
| Micron   | SATA | 1300 2.5            | Enterprise | MTFDDAK256TDL       | M5MU000  | 256 GB  | 6 Gb/s  |
| Micron   | SATA | 1300 2.5            | Enterprise | MTFDDAK2T0TDL       | M5MU000  | 2 TB    | 6 Gb/s  |
| Micron   | SATA | M500DC              | Enterprise | MTFDDAK120MBB-1AE1  | 0129     | 120 GB  | 6 Gb/s  |
| Micron   | SATA | M510DC              | Enterprise | MTFDDAK480MBP       | 0005     | 480 GB  | 6 Gb/s  |
| Micron   | SATA | M600                | Enterprise | MTFDDAK1T0MBF       | MU03     | 1 TB    | 6 Gb/s  |
| Micron   | SATA | P400m               | Enterprise | MTFDDAK100MAN-1S1AA | 0225     | 100 GB  | 6 Gb/s  |
| Micron   | SAS  | P410m               | Enterprise | MTFDEAK100MAS-1S1AA | 0328     | 100 GB  | 6 Gb/s  |
| Micron   | SAS  | S650DC 2.5          | Enterprise | MTFDJAK400MBS       | M010     | 400 GB  | 12 Gb/s |
| Micron   | SATA | 5100 ECO 2.5 SSD    | Enterprise | MTFDDAK480TBY       | D0MU027  | 480 GB  | 6 Gb/s  |
| Micron   | SATA | 5100 ECO 2.5 SSD    | Enterprise | MTFDDAK7T6TBY       | D0MU810  | 7.68 TB | 6 Gb/s  |
| Micron   | SATA | 5200 ECO 2.5 SSD    | Enterprise | MTFDDAK3T8DC        | D1MU410  | 3.8 TB  | 6 Gb/s  |
| Micron   | SATA | 5200 PRO 2.5 SSD    | Enterprise | MTFDDAK1T9TDD       | D1MU004  | 1.92 TB | 6 Gb/s  |
| Micron   | SATA | 5210 ION TCG-E      | Enterprise | MTFDDAK7T6QDE       | D2MU800  | 7.6 TB  | 6 Gb/s  |
| Micron   | SATA | 5210 ION TCG-E      | Enterprise | MTFDDAK1T9QDE       | D2MU000  | 1.9 TB  | 6 Gb/s  |
| Micron   | SATA | 5300                | Enterprise | MTFDDAK240TDS       | D3MU001  | 240 GB  | 6 Gb/s  |
| Samsung  | SATA | 830 Pro Series      | Consumer   | MZ-7PC064HADR       | CXM0101Q | 64 GB   | 6 Gb/s  |
| Samsung  | SATA | 830 Pro Series      | Consumer   | MZ-7PC2560-0DA      | CXM01W1Q | 256 GB  | 6 Gb/s  |
| Samsung  | SATA | 840 Pro Series      | Consumer   | MZ-7PD128           | DXM03B0Q | 128 GB  | 6 Gb/s  |
| Samsung  | SATA | 845DC EVO           | Enterprise | MZ-7GE240           | EXT03X3Q | 240 GB  | 6 Gb/s  |
| Samsung  | SATA | 845DC EVO           | Enterprise | MZ-7GE480           | EXT03X3Q | 480 GB  | 6 Gb/s  |
| Samsung  | SATA | 845DC EVO           | Enterprise | MZ-7GE960           | EXT03X3Q | 960 GB  | 6 Gb/s  |
| Samsung  | SATA | 845DC Pro           | Enterprise | MZ-7WD400           | DXV80X3Q | 400 GB  | 6 Gb/s  |
| Samsung  | SATA | 845DC Pro           | Enterprise | MZ-7WD800           | DXV80X3Q | 800 GB  | 6 Gb/s  |
| Samsung  | SATA | 850 EVO Series      | Consumer   | MZ-75E120           | EMT01B6Q | 120 GB  | 6 Gb/s  |
| Samsung  | SATA | 850 EVO Series      | Consumer   | MZ-75E1T0           | EMT01B6Q | 1 TB    | 6 Gb/s  |
| Samsung  | SATA | 850 EVO Series      | Consumer   | MZ-75E250           | EMT01B6Q | 250 GB  | 6 Gb/s  |
| Samsung  | SATA | 850 EVO Series      | Consumer   | MZ-75E500           | EMT01B6Q | 500 GB  | 6 Gb/s  |
| Samsung  | SATA | 850 PRO Series      | Consumer   | MZ-7KE128           | EXM01B6Q | 1 TB    | 6 Gb/s  |
| Samsung  | SATA | 850 PRO Series      | Consumer   | MZ-7KE128           | EXM01B6Q | 128 GB  | 6 Gb/s  |
| Samsung  | SATA | 850 PRO Series      | Consumer   | MZ-7KE1TD           | EXM01B6Q | 1 TB    | 6 Gb/s  |
| Samsung  | SATA | 850 PRO Series      | Consumer   | MZ-7KE256           | EXM01B6Q | 1 TB    | 6 Gb/s  |
| Samsung  | SATA | 850 PRO Series      | Consumer   | MZ-7KE256           | EXM01B6Q | 256 GB  | 6 Gb/s  |
| Samsung  | SATA | 850 PRO Series      | Consumer   | MZ-7KE512           | EXM01B6Q | 1 TB    | 6 Gb/s  |
| Samsung  | SATA | 850 PRO Series      | Consumer   | MZ-7KE512           | EXM01B6Q | 512 GB  | 6 Gb/s  |
| Samsung  | SATA | 860 DCT             | Enterprise | MZ-76E960           | HXT70B6Q | 960 GB  | 6 Gb/s  |
| Samsung  | SATA | 860 DCT             | Enterprise | MZ-76E3T8E          | HXT70B6Q | 3.84 TB | 6 Gb/s  |
| Samsung  | SATA | 883 DCT             | Enterprise | MZ-7LH240N          | HXT7004Q | 240 GB  | 6 Gb/s  |
| Samsung  | SATA | 883 DCT             | Enterprise | MZ-7LH3T8N          | HXT7004Q | 3.84 TB | 6 Gb/s  |
| Samsung  | SATA | SM843T Series       | Enterprise | MZ7WD240HAFV-00003  | DXM85W3Q | 240 GB  | 6 Gb/s  |
| Samsung  | SATA | SM843T Series       | Enterprise | MZ7WD480HAGM-00003  | DXM85W3Q | 480 GB  | 6 Gb/s  |
| Samsung  | SATA | PM863               | Enterprise | MZ-7LM1200          | GXT3003Q | 120 GB  | 6 Gb/s  |
| Samsung  | SATA | PM863               | Enterprise | MZ-7LM2400          | GXT3003Q | 240 GB  | 6 Gb/s  |
| Samsung  | SATA | PM863               | Enterprise | MZ-7LM4800          | GXT3003Q | 480 GB  | 6 Gb/s  |
| Samsung  | SATA | PM863               | Enterprise | MZ-7LM9600          | GXT3003Q | 960 GB  | 6 Gb/s  |
| Samsung  | SATA | PM863               | Enterprise | MZ-7LM1T90          | GXT3003Q | 1.92 TB | 6 Gb/s  |
| Samsung  | SATA | PM863               | Enterprise | MZ-7LM3T80          | GXT3003Q | 3.4 TB  | 6 Gb/s  |
| Samsung  | SATA | PM863A              | Enterprise | MZ-7LM3T8N          | GXT5104Q | 3.84 TB | 6 Gb/s  |
| Samsung  | SATA | PM883               | Enterprise | MZ7LH7T6HMLA-00005  | HXT7004Q | 7.68 TB | 6 Gb/s  |



|          |      |                       |            |                     |          |          |         |
|----------|------|-----------------------|------------|---------------------|----------|----------|---------|
| Samsung  | SATA | SM863                 | Enterprise | MZ7PD480HAGM-000DA  | DXM02W1Q | 480 GB   | 6 Gb/s  |
| Samsung  | SATA | SM863A                | Enterprise | MZ-7KM1T9N          | GXM5004Q | 1.9 TB   | 6 Gb/s  |
| Samsung  | SATA | SM863                 | Enterprise | MZ-7KM1200          | GXM1003Q | 120 GB   | 6 Gb/s  |
| Samsung  | SATA | SM863                 | Enterprise | MZ-7KM2400          | GXM1003Q | 240 GB   | 6 Gb/s  |
| Samsung  | SATA | SM863                 | Enterprise | MZ-7KM4800          | GXM1003Q | 480 GB   | 6 Gb/s  |
| Samsung  | SATA | SM863                 | Enterprise | MZ-7KM9600          | GXM1003Q | 960 GB   | 6 Gb/s  |
| Samsung  | SATA | SM863                 | Enterprise | MZ-7KM1T90          | GXM1003Q | 1.92 TB  | 6 Gb/s  |
| Samsung  | SAS  | PM1633                | Enterprise | MZ-ILS1T90          | GQP2     | 1.9 TB   | 12 Gb/s |
| Samsung  | SAS  | PM1633                | Enterprise | MZ-ILS3T80          | GQP2     | 3.8 TB   | 12 Gb/s |
| Samsung  | SAS  | PM1633                | Enterprise | MZ-ILS4800          | GQP2     | 480 GB   | 12 Gb/s |
| Samsung  | SAS  | PM1633                | Enterprise | MZ-ILS9600          | GQP2     | 960 GB   | 12 Gb/s |
| Samsung  | SAS  | PM1633a               | Enterprise | MZ-ILS3T8N          | GXL0     | 3.84 TB  | 12 Gb/s |
| Samsung  | SAS  | PM1633a               | Enterprise | MZ-ILS15T0          | GXH0     | 15.36 TB | 12 Gb/s |
| Samsung  | SAS  | PM1643                | Enterprise | MZ-ILT1T90          | GXF0     | 1.9 TB   | 12 Gb/s |
| Samsung  | SAS  | PM1643a               | Enterprise | MZ-ILT3T8B          | GXA0     | 3.8 TB   | 12 Gb/s |
| SanDisk  | SATA | SSD X100              | Consumer   | SD5SB2-512G         | 10.04.00 | 512 GB   | 6 Gb/s  |
| SanDisk  | SATA | SSD X110              | Consumer   | SD6SB1M-064G        | X230600  | 64 GB    | 6 Gb/s  |
| SanDisk  | SATA | SSD X210              | Enterprise | SD6SBM-128G         | X210400  | 128 GB   | 6 Gb/s  |
| Seagate  | SATA | Barracuda             | Consumer   | ZA500CM10002        | STAS1024 | 500 GB   | 6 Gb/s  |
| Seagate  | SAS  | 1200 SSD              | Enterprise | ST200FM0053         | CB02     | 200 GB   | 12 Gb/s |
| Seagate  | SAS  | 1200.2 SSD            | Enterprise | ST400FM0303         | 0001     | 400 GB   | 12 Gb/s |
| Seagate  | SAS  | 1200.2 SSD            | Consumer   | ST1600FM0013        | B103     | 1600 GB  | 12 Gb/s |
| Seagate  | SATA | 600 SSD               | Consumer   | ST120FP0021         | B690     | 120 GB   | 6 Gb/s  |
| Seagate  | SATA | 600 SSD               | Consumer   | ST240HM000          | C675     | 240 GB   | 6 Gb/s  |
| Seagate  | SATA | Enterprise SATA SSD   | Enterprise | ST200FN0001         | B460     | 200 GB   | 6 Gb/s  |
| Seagate  | SATA | Enterprise SATA SSD   | Enterprise | ST100FN0001         | B460     | 120 GB   | 6 Gb/s  |
| Seagate  | SAS  | Enterprise Turbo SSHD | Enterprise | ST300MX0004         | E001     | 300 GB   | 6 Gb/s  |
| Seagate  | SATA | Nytro 1351            | Enterprise | XA960LE10063        | SF4400YQ | 960 GB   | 6 Gb/s  |
| Seagate  | SATA | Nytro 1551            | Enterprise | XA480ME10063        | SF4400YQ | 480 GB   | 6 Gb/s  |
| Seagate  | SAS  | Nytro 2332            | Enterprise | XS3840SE70134       | 101      | 3.8TB    | 12 Gb/s |
| Seagate  | SAS  | Nytro 2332            | Enterprise | XS960LE70134        | 0101     | 960GB    | 12 Gb/s |
| Seagate  | SAS  | Nytro 3330            | Enterprise | XS960SE10003        | 0003     | 960 GB   | 12 Gb/s |
| Seagate  | SAS  | Nytro 3330            | Enterprise | XS1920SE10103       | 0003     | 1.92 TB  | 12 Gb/s |
| Seagate  | SAS  | Nytro 3330            | Enterprise | XS7680SE70103       | 0003     | 7.68 TB  | 12 Gb/s |
| Seagate  | SAS  | Nytro 3331            | Enterprise | XS960SE70014 (*SED) | 0102     | 960 GB   | 12 Gb/s |
| Seagate  | SAS  | Nytro 3331            | Enterprise | XS1920SE70004       | 0002     | 1.92 TB  | 12 Gb/s |
| Seagate  | SAS  | Nytro 3530            | Enterprise | XS1600LE10013       | 101      | 1.6 TB   | 12 Gb/s |
| Seagate  | SAS  | Nytro 3531            | Enterprise | XS3200LE70014       | 0001     | 3.2 TB   | 12 Gb/s |
| Seagate  | SAS  | Nytro 3531            | Enterprise | XS800LE70004        | 0002     | 800 GB   | 12 Gb/s |
| Seagate  | SAS  | Nytro 3532            | Enterprise | XS3200LE70094       | 0101     | 3.2TB    | 12 Gb/s |
| Seagate  | SAS  | Nytro 3731            | Enterprise | XS800ME70004        | 0002     | 800 GB   | 12 Gb/s |
| SK hynix | SATA | Enterprise SATA SSD   | Enterprise | HFS960G32MED-341    | 20035P00 | 960 GB   | 6 Gb/s  |
| Toshiba  | SAS  | AL14SEBxxxN Series    | Enterprise | AL14SEB090N         | 0102     | 900 GB   | 12 Gb/s |
| Toshiba  | SAS  | PM5-R                 | Enterprise | KPM51RUG480G        | 0106     | 480 GB   | 12 Gb/s |
| Toshiba  | SAS  | PM5-R                 | Enterprise | KPM51RUG960G        | 0107     | 960 GB   | 12 Gb/s |
| Toshiba  | SAS  | PX03SVFxxx Series     | Enterprise | PX03SVF040          | 1202     | 400 GB   | 12 Gb/s |
| Toshiba  | SAS  | PX04SVB Series        | Enterprise | PX04SVB384          | 0104     | 3840 GB  | 12 Gb/s |
| Toshiba  | SATA | PX05SMB Series        | Enterprise | PX05SMB040          | 101      | 400 GB   | 12 Gb/s |
| Toshiba  | SATA | HG6                   | Enterprise | THNSNJ512GCSU       | JUGB0101 | 512 GB   | 6 Gb/s  |

|                        |      |                      |            |                    |          |         |         |
|------------------------|------|----------------------|------------|--------------------|----------|---------|---------|
| Toshiba                | SATA | HK6 R                | Enterprise | KHK61RSE480G       | 1DET6101 | 480 GB  | 6 Gb/s  |
| Toshiba                | SATA | THNSNJxxxPCS3 Series | Enterprise | THNSNJ480PCS3      | J3ET6102 | 480 GB  | 6 Gb/s  |
| Toshiba                | SATA | THNSNJxxxPCSZ Series | Enterprise | THNSNJ960PCSZ      | JZET6102 | 960 GB  | 6 Gb/s  |
| Toshiba                | SATA | Read Intensive       | Enterprise | THNSN8480PCSE      | 8EET6102 | 480 GB  | 6 Gb/s  |
| Toshiba                | SATA | Read Intensive       | Enterprise | THNSN81Q92CSE      | 8EET6101 | 1920 GB | 6 Gb/s  |
| Western Digital        | SAS  | Ultrastar DC SS530   | Enterprise | WUSTM3232ASS200    | A890     | 3.2 TB  | 12 Gb/s |
| Western Digital        | SAS  | Ultrastar DC SS530   | Enterprise | WUSTR6464ASS200    | A890     | 6.4 TB  | 12 Gb/s |
| Western Digital (HGST) | SATA | Deskstar 5K3000      | Desktop    | HDS5C3020ALA632    | ML6OA180 | 2 TB    | 6 Gb/s  |
| Western Digital (HGST) | SAS  | Ultrastar SA210      | Enterprise | HBS3A1919A7E6B1    | M6102100 | 1.9 TB  | 6 Gb/s  |
| Western Digital (HGST) | SAS  | Ultrastar SS200      | Enterprise | SDLL1MLR-038T-CCA1 | Y122     | 3.84 TB | 12 Gb/s |
| Western Digital (HGST) | SAS  | Ultrastar SS200      | Enterprise | SDLL1HLR-076T-CCA1 | Y122     | 7.68 TB | 12 Gb/s |
| Western Digital (HGST) | SAS  | Ultrastar SS300      | Enterprise | HUSMM3232ASS200    | A100     | 3.2 TB  | 12 Gb/s |

Compatibility Report for:

- Adaptec HBA 1100-24i/16i/8e/8i/4i
- Adaptec SmartHBA 2100-24i/16i/8i/4i4e
- Adaptec SmartRAID 3101-4i/4iE
- Adaptec SmartRAID 3102-8i/8iE
- Adaptec SmartRAID 3151-4i
- Adaptec SmartRAID 3152-8i
- Adaptec SmartRAID 3154-8i/8e/8i8e/8i16e/16i/24i
- Adaptec SmartRAID 3162-8i/(8i /e)

**SAS Tape Drives & Libraries**

| Type | Manufacturer      | Category   | Model            | FW Revision |
|------|-------------------|------------|------------------|-------------|
| SAS  | HP                | Tape       | HP LTO-2         | T20D        |
| SAS  | HP                | Tape       | HP LTO-3         | C24D        |
| SAS  | HP                | Tape       | HP LTO-4         | A63D        |
| SAS  | HP                | Autoloader | HP LTO-5         | Z6KW        |
| SAS  | IBM               | Tape       | IBM LTO-6        | G351        |
| SAS  | IBM               | Tape       | IBM LTO-7        | FA11        |
| SAS  | Overland Tandberg | Tape       | LTO-8 HH         | H9E3 & J4D1 |
| SAS  | Quantum           | Tape       | TC-L52AN (LTO-5) | 3180        |

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**Compatibility Report for:**

- Adaptec HBA 1100-24i/16i/8e/8i/4i
- Adaptec SmartHBA 2100-24i/16i/8i/4i4e
- Adaptec SmartRAID 3101-4i/4iE
- Adaptec SmartRAID 3102-8i/8iE
- Adaptec SmartRAID 3151-4i
- Adaptec SmartRAID 3152-8i
- Adaptec SmartRAID 3154-8i/8e/8i8e/8i16e/16i/24i
- Adaptec SmartRAID 3162-8i/(8i /e)

| Expander Cards |              |                              |            |
|----------------|--------------|------------------------------|------------|
| Type           | Manufacturer | Model                        | # of Ports |
| SAS            | Microchip    | Adaptec Expander Card 82885T | 36         |

| Enclosures / Backplanes |              |                              |           |
|-------------------------|--------------|------------------------------|-----------|
| Type                    | Manufacturer | Model                        | # of Bays |
| SAS/SATA                | AIC          | SSG-JBSA32S-2242h-54RP-A     | 24        |
| SAS/SATA                | AIC          | SSG-JBSA32S-4763T-E0RP (*SP) | 76        |
| SAS/SATA                | AIC          | XJ3000-2242S                 | 24        |
| SAS/SATA                | Chenbro      | RM23824E3                    | 24        |
| SAS/SATA                | Chenbro      | RM43260                      | 60        |
| SAS/SATA                | HGST         | 4U60                         | 60        |
| SAS/SATA                | Intel        | G97158-301                   | 8         |
| SAS/SATA                | Intel        | JBOD2224S2DP                 | 24        |
| SAS/SATA                | Intel        | JBOD2312S3SPSP               | 12        |
| SAS/SATA                | Intel        | R2224GZ4GCSAS                | 24        |
| SAS/SATA                | Promise      | J830sD                       | 24        |
| SAS/SATA                | Promise      | Vtrak J5800sD                | 24        |
| SAS/SATA                | Super Micro  | SAS213A                      | 16        |
| SAS/SATA                | Super Micro  | SAS3-216A                    | 24        |
| SAS/SATA                | Super Micro  | SC-216E26                    | 24        |
| SAS/SATA                | Super Micro  | SAS747TQ                     | 8         |
| SAS/SATA                | Super Micro  | SAS815TQ                     | 4         |
| SAS/SATA                | Super Micro  | SAS826EL1                    | 12        |
| SAS/SATA                | Super Micro  | SAS833TQ                     | 8         |
| SAS/SATA                | Super Micro  | SAS836BA                     | 16        |
| SAS/SATA                | Super Micro  | SC846BE1C                    | 24        |
| SAS/SATA                | Super Micro  | SC847BE2C                    | 36        |
| SAS/SATA                | Super Micro  | SC936EL2                     | 16        |

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**Compatibility Report for:**

- *Adaptec HBA 1100-24i/16i/8e/8i/4i*
- *Adaptec SmartHBA 2100-24i/16i/8i/4i4e*
- *Adaptec SmartRAID 3101-4i/4iE*
- *Adaptec SmartRAID 3102-8i/8iE*
- *Adaptec SmartRAID 3151-4i*
- *Adaptec SmartRAID 3152-8i*
- *Adaptec SmartRAID 3154-8i/8e/8i8e/8i16e/16i/24i*
- *Adaptec SmartRAID 3162-8i/(8i/e)*

| Host Systems |                 |            |                        |                                     |                      |        |             |
|--------------|-----------------|------------|------------------------|-------------------------------------|----------------------|--------|-------------|
| Manufacturer | Model           | BIOS       | Chipset                | CPU                                 | PCI Express Revision | Memory | Memory Type |
| ASRock       | E3C236D2I       | 1.0        | Intel C236             | Intel Core i3-6100 3.7GHz           | 3.0                  | 16GB   | DDR4        |
| ASRock       | E3C236D4M-4L    | L2.05F     | Intel C236             | Intel Xeon E3-1270 v6               | 3.0                  | 64GB   | DDR4        |
| Asus         | KGPE-D16        | 3201       | AMD G34                | AMD Opteron 6128 2.0 GHz 8 Cores    | 2.0                  | 8GB    | DDR3        |
| Asus         | P8B-M           | 6702       | Intel C204             | Intel Xeon E3-1230 3.2GHZ           | 3.0                  | 8GB    | DDR3        |
| Asus         | P9D-I           | 0804 x64   | Intel C222             | Intel Xeon E3-1220 v3 3.1GHZ        | 3.0                  | 16GB   | DDR3        |
| Asus         | P9D-X           | 1201       | Intel C222             | Intel Xeon E3-1225 v3 3.2GHZ        | 3.0                  | 16GB   | DDR3        |
| Asus         | P9X-79 WS       | 3209       | Intel X79              | Intel Core i7-3820 3.6GHz           | 3.0                  | 4GB    | DDR3        |
| Asus         | P11C-I          | 5.13       | Intel C242             | Intel Xeon E-2136 v2 3.3 GHz        | 3.0                  | 32GB   | DDR4        |
| Asus         | Z9PE-D8 WS      | 5206       | Intel C600/X79         | Dual Intel Xeon CPU E5-2609 2.4 GHz | 3.0                  | 8GB    | DDR3        |
| Intel        | S2600GZ         | 02.04.0003 | Intel C602             | Dual Intel Xeon E5-2680 0 2.70GHz   | 3.0                  | 2GB    | DDR3        |
| Intel        | S2600WF         | 1.01.0013  | Intel C628             | Xeon Gold 6134 3.2GHz               | 3.0                  | 256GB  | DDR4        |
| Intel        | S2600WT         | 1.01.0033  | Intel C610             | Xeon E5-2603 V3                     | 3.0                  | 16GB   | DDR3        |
| Siemens      | Simatic IPC847D | 19.01.05   | Intel C226             | Intel Xeon E3-1268L v3 2.3 GHz      | 2.0 & 3.0            | 32GB   | DDR3        |
| Super Micro  | H11DSI-NT       | 1.1a       | AMD SoC                | AMD EPYC 7251 2.1 GHz               | 3.0                  | 16GB   | DDR4        |
| Super Micro  | X8DTI-F         | 2.0c       | Intel 5520             | Intel Xeon L5520 2.27 GHz           | 2.0                  | 2GB    | DDR3        |
| Super Micro  | X9DRG-QF        | 3.2        | Intel C602             | Dual Xeon 6 Core E5-2630 2.3 GHz    | 3.0                  | 8GB    | DDR3        |
| Super Micro  | X9DRi-LNF4+     | 3.2        | Intel C602             | Dual Xeon 6 Cores E5-2600 2.0 GHz   | 3.0                  | 16GB   | DDR3        |
| Super Micro  | X9DRW-3LN4F+    | 3.2b       | Intel C606             | Dual Intel E5-2609 2.4 GHz          | 3.0                  | 16GB   | DDR3        |
| Super Micro  | C7Z87           | 1.0a       | Intel Z87              | Intel i7-4770S 3.1 GHz              | 3.0                  | 4GB    | DDR3        |
| Super Micro  | X10DRi-LN4+     | 1.0b       | Intel C612             | Intel Xeon E5-2603 v3 2.40GHz * 2   | 3.0                  | 16GB   | DDR3        |
| Super Micro  | X10DRi-T        | 2          | Intel C612             | Intel Xeon E5-2603 V3 1.6GHz        | 3.0                  | 8GB    | DDR4        |
| Super Micro  | X10SDV-4C-TLN2F | 1.2c       | Intel SoC              | Intel Xeon D-1521 (x4) 2.4GHz       | 3.0                  | 16GB   | DDR4        |
| Super Micro  | X10SLM-F        | R3.0       | Intel C224 Express PCH | Intel Xeon E3-1230 v3, 3.3GHz       | 3.0                  | 16GB   | DDR3        |
| Super Micro  | X10SRI-F        | 1.0b       | Intel C612             | Intel Xeon E5-2630 v3 2.40GHz       | 3.0                  | 16GB   | DDR3        |
| Super Micro  | X10SRL-F        | 1.0b       | Intel C612             | Intel Xeon E5-2630 v3 2.40GHz       | 3.0                  | 16GB   | DDR3        |
| Super Micro  | X11SSH-F        | 2.1        | Intel C236             | Intel Xeon E3-1274 v5 3.6GHz        | 3.0                  | 16GB   | DDR4        |
| Super Micro  | X11SSL-F        | 1.0b       | Intel C232             | Intel Xeon E3-1220 v5 3.0 GHz       | 3.0                  | 8GB    | DDR4        |
| Super Micro  | X11SSZ-F        | 2.0a       | Intel C236             | Intel Core i5-6500 3.2GHz           | 3.0                  | 16GB   | DDR4        |

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