

| CRA4448 Qualification Vender List Ver:2.0 | | | | | | | | |
|---|------|----------|-------------|-----------|----------|-----------------|-----------------|------|
| SATA SSD | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | FW | Note |
| MTFDDAK1T9TGA-1BC1ZABYY | SSD | Micron | 2.5" | SATA | 1.92TB | 6Gb/s | 5400 PRO Series | |
| MZ7L33T8HBLT-00A07 PM893 Series | SSD | Samsung | 2.5" | SATA | 3.84TB | 6Gb/s | | |
| SSDSC2KB480G701 (Series DC S4500) | SSD | Intel | 2.5" | SATA | 480GB | 6Gb/s | | |
| SSDSC2KB960G701 (Series DC S4500) | SSD | Intel | 2.5" | SATA | 960GB | 6Gb/s | | |
| ASR1010SS-480GM | SSD | ADATA | 2.5" | SATA | 480GB | 6Gb/s | | |
| SDLF1CRR-019T-1HA1 | SSD | SanDisk | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| XA960LE10063 | SSD | Seagate | 2.5" | SATA | 960GB | 6Gb/s | | |
| XA480LE10063 | SSD | Seagate | 2.5" | SATA | 480GB | 6Gb/s | | |
| SRE100-960G00210000 | SSD | Phison | 2.5" | SATA | 960GB | 6Gb/s | | |
| SRE100-480G00210000 | SSD | Phison | 2.5" | SATA | 480GB | 6Gb/s | | |
| MZ-7LH1T9NE 883 DCT Series | SSD | Samsung | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| SEDC500M/3840G DC500M Series | SSD | Kingston | 2.5" | SATA | 3.84TB | 6Gb/s | | |
| SEDC500M/1920G DC500M Series | SSD | Kingston | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| SEDC500M/960G DC500M Series | SSD | Kingston | 2.5" | SATA | 960GB | 6Gb/s | | |
| SEDC500M/480G DC500M Series | SSD | Kingston | 2.5" | SATA | 480GB | 6Gb/s | | |
| ASR1100SS-240GT-B | SSD | Adata | 2.5" | SATA | 240GB | 6Gb/s | | |
| SSDSC2KG019T8 D3-S4610 Series | SSD | Intel | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| KHK61RSE960G | SSD | Toshiba | 2.5" | SATA | 960GB | 6Gb/s | | |
| MTFDDAK3T8TDS-1AW1ZABYY (5300 PRO) | SSD | Micron | 2.5" | SATA | 3.84TB | 6Gb/s | | |
| MTFDDAK1T9TDS-1AW1ZABYY (5300 PRO) | SSD | Micron | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| SSB1K9GTLCW-D2-SME1720GBT ESM1720 Series | SSD | Phison | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| SSB480GTLCW-D2-SME1720GBT ESM1720 Series | SSD | Phison | 2.5" | SATA | 480GB | 6Gb/s | | |
| SSB960GTLCW-D2-SME1720GBT ESM1720 Series | SSD | Phison | 2.5" | SATA | 960GB | 6Gb/s | | |
| S1201K00480GP02576G00 | SSD | Phison | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| S1201K00960GP021T1500 | SSD | Phison | 2.5" | SATA | 480GB | 6Gb/s | | |
| S1201K001T92P022T3000 | SSD | Phison | 2.5" | SATA | 960GB | 6Gb/s | | |
| SSB240GTLCW-D2-ESW1710GBT ESW1710 Series | SSD | Phison | 2.5" | SATA | 240GB | 6Gb/s | | |
| SSB480GTLCW-D2-ESW1710GBT ESW1710 Series | SSD | Phison | 2.5" | SATA | 480GB | 6Gb/s | | |
| SSB960GTLCW-D2-ESW1710GBT ESW1710 Series | SSD | Phison | 2.5" | SATA | 960GB | 6Gb/s | | |
| SSB240GTLCG-D2-SME520GBT ESM1220 Series | SSD | Phison | 2.5" | SATA | 240GB | 6Gb/s | | |
| SSB480GTLCG-D2-SME520GBT ESM1220 Series | SSD | Phison | 2.5" | SATA | 480GB | 6Gb/s | | |
| SSB960GTLCG-D2-SME520GBT ESM1220 Series | SSD | Phison | 2.5" | SATA | 960GB | 6Gb/s | | |
| SSB1K9GTLCG-D2-SME520GBT ESM1220 Series | SSD | Phison | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| SAS SSD | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | FW | Note |
| MZILT7T6HMLA-00007 PM1643 Series | SSD | Samsung | 2.5" | SAS | 7.68TB | 12Gb/s | | |

| | | | | | | | | | | |
|--|------|---------|-------------|----------|----------|-----------------|---------------------------------------|-------|-------|------------|
| XS1920SE10123 | SSD | Seagate | 2.5" | SAS | 1.92TB | 12Gb/s | | | | |
| XS960SE70084 Nytro 3332 Series | SSD | Seagate | 2.5" | SAS | 960GB | 12Gb/s | | | | |
| Seagate HDD | | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
| Seagate Enterprise Capacity 2.5 HDD | | | | | | | | | | |
| ST9250610NS | SATA | Seagate | 2.5" | N/A | 250GB | 6Gb/s | Constellation 2 | 64MB | 7200 | N/A |
| ST2000NX0403 | SATA | Seagate | 2.5" | 512n | 2TB | 6Gb/s | Enterprise Capacity V.3 | 128MB | 7200 | N/A |
| ST1000NX0313 | SATA | Seagate | 2.5" | 512e | 1TB | 6Gb/s | Exos 7E2000 (Enterprise Capacity V.3) | 128MB | 7200 | N/A |
| ST2000NX0253 | SATA | Seagate | 2.5" | 512E | 2TB | 6Gb/s | Exos 7E2000 (Enterprise Capacity V.3) | 128MB | 7200 | N/A |
| ST1800MM0018 | SAS | Seagate | 2.5" | N/A | 1.8TB | 12Gb/s | Performance | 129MB | 10000 | N/A |
| Seagate Enterprise Capacity 3.5 HDD | | | | | | | | | | |
| ST4000NM0033 | SATA | Seagate | 3.5" | 512N | 4TB | 6Gb/s | ES.3 | 128MB | 7200 | N/A |
| ST8000NM0016 | SATA | Seagate | 3.5" | N/A | 8TB | 12Gb/s | Performance | 256MB | 7200 | N/A |
| ST8000NM0055 | SATA | Seagate | 3.5" | 512E | 8TB | 6Bb/s | ES.3 | 256MB | 7200 | N/A |
| ST8000NM0045 | SATA | Seagate | 3.5" | 4Kn | 8TB | 6Gb/s | Exos 7E8 (Enterprise Capacity V.5) | 256MB | 7200 | N/A |
| ST10000NM0146 | SATA | Seagate | 3.5" | 4Kn | 10TB | 6Gb/s | Exos X10 (Enterprise Capacity V.6) | 256MB | 7200 | N/A |
| ST12000NM0007 | SATA | Seagate | 3.5" | 512e | 12TB | 6Gb/s | Exos X12 (Enterprise Capacity V.7) | 256MB | 7200 | N/A |
| ST14000NM0018 | SATA | Seagate | 3.5" | 512e | 14TB | 6Gb/s | Exos X14 (Enterprise Capacity) | 256MB | 7200 | N/A |
| ST2000NM0008 | SATA | Seagate | 3.5" | 512n | 2TB | 6Gb/s | EXOS 7E2 | 128MB | 7200 | N/A |
| ST8000NM000A | SATA | Seagate | 3.5" | 512e | 8TB | 6Gb/s | EXOS 7E8 | 256MB | 7200 | N/A |
| ST18000NM000J | SATA | Seagate | 3.5" | 512e/4Kn | 18TB | 6Gb/s | EXOS X18 | 256MB | 7200 | N/A |
| ST20000NM007D | SATA | Seagate | 3.5" | 512e/4Kn | 20TB | 6Gb/s | EXOS X20 | 256MB | 7200 | N/A |
| ST16000NM001G | SATA | Seagate | 3.5" | 512e/4Kn | 16TB | 6Gb/s | EXOS X16 | 256MB | 7200 | N/A |
| ST10000NM017B | SATA | Seagate | 3.5" | 512e | 10TB | 6Gb/s | EXOS 7E10 | 256MB | 7200 | N/A |
| ST22000NM001E | SATA | Seagate | 3.5" | 512e | 22TB | 6Gb/s | Exos X22 | 512MB | 7200 | N/A |
| ST6000NM0014 | SAS | Seagate | 3.5" | 4KN | 6TB | 12Gb/s | V.4 | 128MB | 7200 | N/A |
| ST6000NM0034 | SAS | Seagate | 3.5" | 512E | 6TB | 12Gb/s | V.4 | 128MB | 7200 | N/A |
| ST8000NM001A | SAS | Seagate | 3.5" | 512e | 8TB | 12Gb/s | EXOS 7E8 | 256MB | 7200 | N/A |
| ST16000NM002G | SAS | Seagate | 3.5" | 512e/4Kn | 16TB | 12Gb/s | EXOS X16 | 256MB | 7200 | N/A |
| ST18000NM004J | SAS | Seagate | 3.5" | 512e/4Kn | 18TB | 12Gb/s | EXOS X18 | 256MB | 7200 | N/A |
| ST20000NM002D | SAS | Seagate | 3.5" | 512e/4Kn | 20TB | 12Gb/s | EXOS X20 | 256MB | 7200 | N/A |
| ST10000NM018B | SAS | Seagate | 3.5" | 512e | 10TB | 12Gb/s | EXOS 7E10 | 256MB | 7200 | N/A |
| ST22000NM000E | SAS | Seagate | 3.5" | 512e | 22TB | 12Gb/s | Exos X22 | 512MB | 7200 | N/A |
| ST24000NM002H | SATA | Seagate | 3.5" | 512e | 24TB | 6Gb/s | EXOS X24 | 256MB | 7200 | N/A |
| ST18000NM0092 | SATA | Seagate | 3.5" | 512e/4Kn | 18TB | 6Gb/s | EXOS 2x18 | 256MB | 7200 | standard |
| WD HDD (SAS HDD may need RAID Card support) | | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |

| Enterprise Hard Drives | | | | | | | | | | |
|---------------------------|------|-----------|-------------|--------|----------|-----------------|---------------------------|-------|-----------|--------------|
| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
| WD4000FYYZ-01UL1B1 | SATA | WD | 3.5" | 512N | 4TB | 6Gb/s | WD Re | 64MB | 7200 | N/A |
| WD6001FSYZ-01SS7B0 | SATA | WD | 3.5" | 4KN | 6TB | 6Gb/s | WD Re | 128MB | 7200 | N/A |
| WD4000FYYZ-01UL1B2 | SATA | WD | 3.5" | 512n | 4TB | 6Gb/s | WD Re | 64MB | 7200 | N/A |
| WUS721010ALE6L4 | SATA | WD | 3.5" | 512e | 10TB | 6Gb/s | Ultrastar® DC HC330 | 256MB | 7200 | N/A |
| WUS721010AL5204 | SAS | WD | 3.5" | 512e | 10TB | 12Gb/s | Ultrastar® DC HC330 | 256MB | 7200 | N/A |
| WUH721818AL5204 | SAS | WD | 3.5" | 512e | 18TB | 12Gb/s | Ultrastar DC HC550 | 512MB | 7200 | N/A |
| WUH722222ALE6L4 | SATA | WD | 3.5" | 512e | 22TB | 6Gb/s | Ultrastar DC HC570 | 512MB | 7200 | N/A |
| WUS721212BLE6L4 | SATA | WD | 3.5" | 512e | 12TB | 6Gb/s | Ultrastar® DC HA340 | 512MB | 7200 | N/A |
| WUH722222AL5204 | SAS | WD | 3.5" | 512e | 22TB | 12Gb/s | Ultrastar DC HC570 | 512MB | 7200 | N/A |
| HGST HDD | | | | | | | | | | |
| Enterprise Hard Drives | | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
| HUC101212CSS600 | SAS | HGST | 2.5" | N/A | 1.2TB | 6Gb/s | Ultrastar C10K1200 | 64MB | 10K | N/A |
| HUC109090CSS600 | SAS | HGST | 2.5" | N/A | 900GB | 6Gb/s | Ultrastar C10K900 | 64MB | 10K | N/A |
| HUS724040ALS640 | SAS | HGST | 3.5" | 512N | 4TB | 6Gb/s | Ultrastar 7K4000 | 64MB | 7200 | N/A |
| HUS724040ALA640 | SATA | HGST | 3.5" | 512N | 4TB | 6Gb/s | Ultrastar 7K4000 | 64MB | 7200 | N/A |
| HUH728080ALE604 | SATA | HGST | 3.5" | 512e | 8TB | 6Gb/s | Ultrastar He8 | 128MB | 7200 | N/A |
| HUH728080ALE604 | SATA | HGST | 3.5" | 512e | 8TB | 6Gb/s | Ultrastar He8 | 128MB | 7200 | N/A |
| HUS726060ALE610 | SATA | HGST | 3.5" | 512e | 6TB | 6Gb/s | Ultrastar 7K6000 | 128MB | 7200 | N/A |
| HUS722T2TALA604 / 1W10002 | SATA | HGST / WD | 3.5" | 512n | 2TB | 6Gb/s | Ultrastar DC HA210 (7K2) | 128MB | 7200 | N/A |
| HUS728T8TALE6L4 | SATA | HGST / WD | 3.5" | 512e | 8TB | 6Gb/s | Ultrastar® DC HC320 (7K8) | 256MB | 7200 | Secure Erase |
| HUS726T6TALE6L4 | SATA | HGST / WD | 3.5" | 512e | 6TB | 6Gb/s | Ultrastar DC HC310 (7K6) | 256MB | 7200 | N/A |
| HUS726T4TALE6L4 | SATA | HGST / WD | 3.5" | 512e | 4TB | 6Gb/s | Ultrastar DC HC310 (7K6) | 256MB | 7200 | N/A |
| HUH721212ALE604 | SATA | HGST | 3.5" | 512e | 12TB | 6Gb/s | Ultrastar He12 | 256MB | 7200 | N/A |
| Toshiba HDD | | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
| MG04ACA500E | SATA | Toshiba | 3.5" | 512E | 5TB | 6Gb/s | Enterprise Capacity | 128MB | 7200 | N/A |
| MG05ACA800A | SATA | Toshiba | 3.5" | 4KN | 8TB | 6Gb/s | Enterprise Capacity | 128MB | 7200 | N/A |
| MG05ACA800E | SATA | Toshiba | 3.5" | 512E | 8TB | 6Gb/s | Enterprise Capacity | 128MB | 7200 | N/A |
| MG08ADA800E | SATA | Toshiba | 3.5" | 512e | 8TB | 6Gb/s | MG08-D | 256MB | 7200 | N/A |
| AL14SEB18EQ | SAS | Toshiba | 2.5" | 512E | 1.8TB | 12Gb/s | Performance | 128MB | 15000 | N/A |
| AL13SXB60EE | SAS | Toshiba | 2.5" | 512N | 600GB | 12Gb/s | Performance | 128MB | 15000 | N/A |
| MG04ACA600E | SATA | Toshiba | 3.5" | 512e | 6TB | 6Gb/s | Enterprise Capacity | 128MB | 7200 | N/A |
| MG04ACA100N | SATA | Toshiba | 3.5" | 512e | 1TB | 6Gb/s | Capacity | 128MB | 7200 | N/A |
| MG03ACA300 | SATA | Toshiba | 3.5" | 512e | 3TB | 6Gb/s | Capacity | 64MB | 7200 | N/A |
| MG06ACA10TE | SATA | Toshiba | 3.5" | 512e | 10TB | 6Gb/s | Capacity | 256MB | 7200 | N/A |
| MG10ACA20TE | SATA | Toshiba | 3.5" | 512e | 20TB | 6Gb/s | MG10 | 512MB | 7200 | N/A |
| MG07ACA14TE | SATA | Toshiba | 3.5" | 512e | 14TB | 6Gb/s | MG07ACA | 256MB | 1919/9/17 | N/A |

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|-------------|------|---------|------|----------|------|--------|----------|-------|------|----------|
| MG08SCA16TE | SAS | Toshiba | 3.5" | 512e | 16TB | 12Gb/s | MG08SCA | 512MB | 7200 | N/A |
| MG09ACA18TE | SATA | Toshiba | 3.5" | 512e | 18TB | 12Gb/s | MG09 | 256MB | 7200 | N/A |
| MG08SDA800E | SAS | Toshiba | 3.5" | 512e | 8TB | 12Gb/s | MG08-D | 256MB | 7200 | N/A |
| MG08ACA16TE | SATA | Toshiba | 3.5" | 512e | 16TB | 6Gb/s | MG08 | 256MB | 7200 | N/A |
| MG09SCA18TE | SAS | Toshiba | 3.5" | 512e | 18TB | 12Gb/s | MG09 | 256MB | 7200 | Standard |
| MG06SCA10TE | SAS | Toshiba | 3.5" | 512e | 10TB | 12Gb/s | Capacity | 256MB | 7200 | N/A |
| MG10SCA20TE | SAS | Toshiba | 3.5" | 512e | 20TB | 12Gb/s | MG10 | 512MB | 7200 | N/A |
| MG07SCA14TE | SAS | Toshiba | 3.5" | 512e | 14TB | 12Gb/s | Capacity | 256MB | 7200 | N/A |
| MG07SCA14TE | SAS | Toshiba | 3.5" | 512e | 14TB | 12Gb/s | Capacity | 256MB | 7200 | N/A |
| MG10AFA22TE | SATA | Toshiba | 3.5" | 512e | 22TB | 6Gb/s | MG10F | 512MB | 7200 | N/A |
| MG10SFA22TE | SAS | Toshiba | 3.5" | 512e | 22TB | 12Gb/s | MG10F | 512MB | 7200 | N/A |
| MG10SDA10TE | SAS | Toshiba | 3.5" | 512e/4Kn | 10TB | 12Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10SDA800E | SAS | Toshiba | 3.5" | 512e/4Kn | 8TB | 12Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10SDA600E | SAS | Toshiba | 3.5" | 512e/4Kn | 6TB | 12Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10SDA400E | SAS | Toshiba | 3.5" | 512e/4Kn | 4TB | 12Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10SDA200E | SAS | Toshiba | 3.5" | 512e/4Kn | 2TB | 12Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10ADA100N | SATA | Toshiba | 3.5" | 512n | 1TB | 6Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10ADA10TE | SATA | Toshiba | 3.5" | 512e/4Kn | 10TB | 6Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10ADA800E | SATA | Toshiba | 3.5" | 512e/4Kn | 8TB | 6Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10ADA600E | SATA | Toshiba | 3.5" | 512e/4Kn | 6TB | 6Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10ADA400E | SATA | Toshiba | 3.5" | 512e/4Kn | 4TB | 6Gb/s | MG10-D | 512MB | 7200 | N/A |
| MG10ADA200E | SATA | Toshiba | 3.5" | 512e/4Kn | 2TB | 6Gb/s | MG10-D | 512MB | 7200 | N/A |