



HGST Ultrastar® 7K6000

Ultrastar® 7K6000, delivering up to 6TB of capacity and an industry-standard, 3.5-inch hard drive, for capacity-optimized enterprise applications. Ultrastar 7K6000 provides 50% more capacity and 33% better power efficiency in terms of Watts per terabyte (W/TB) than its predecessor, Ultrastar 7K6000 also delivers greater storage efficiency through best-in-class performance, achieving up to 3X higher write performance, even at higher workloads, thanks to HGST media cache architecture, a disk-based caching technology, which provides a large non-volatile cache on the disk. Media cache also allows for improved reliability and data integrity during unexpected power loss.

Storage systems

AIC Xtore XJ-SA24-316R-B	HGST tested
DataON CiB-9112 V12	DataON tested
DataON DNS-1600	HGST tested
Promise VTrak J830s	HGST tested
Xyratex OneStor SP-3212	HGST tested
Xyratex OneStor SP-3424	HGST tested

Host Bus Adapters

ATTO ExpressSAS H6o8	HGST tested
ATTO ExpressSAS H6Fo	HGST tested
ATTO H12o8	HGST tested
Adaptec 81605ZQ	HGST tested
LSI SAS 9207-4i4e	HGST tested
LSI SAS 9300-8e	HGST tested

RAID Controllers

Adaptec RAID 6405 / 6445 / 6805 / 6405T / 6805T	HGST tested
Adaptec RAID 6405E / 6805E	HGST tested
Adaptec RAID 71605E	HGST tested
Adaptec RAID 7805 / 71605 / 71685 / 78165 / 72405	HGST tested
Adaptec RAID 7805Q and 71605Q with maxCache 3.0	HGST tested
Adaptec RAID 8885 / 8805 / 8405	HGST tested
Areca ARC-1882i / 1882x / 1882LP / 1882ix-12/16/24	HGST tested
Areca ARC-1883i	HGST tested
Avago MegaRAID SAS 9265-8i	HGST tested
Avago MegaRAID SAS 9280-24i4e	HGST tested
Intel RS2P10o8	HGST tested



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RAID Controllers continued

LSI LSI MegaRaid 9361-8i
LSI MegaRAID 9240-8i
Promise SuperTrak EX8760T / EX8768

HGST tested
HGST tested
HGST tested

Security

CSRC-NIST FIPS 140-2 certified – certificate #2382

CSRC-NIST tested



The HGST Integration Lab tested these HGST products for compatibility with a wide variety of systems, host bus adapters, enclosures, operating systems, etc. Testing was performed to demonstrate compatibility with the following hardware and software. Other combinations of hardware and software are expected to function with this product family, but have not been evaluated. This compatibility testing confirms simply that the hard drive was recognized, partitioned and then data was written to and read from it. Drive capacity and interface speed are not always verified during compatibility testing. HGST always tests the highest capacity drive per product family, yet for the specific model and firmware versions tested please contact your sales or technical representative. HGST recommends you back up all data before installing your new hard drive.

Partner tested products were HGST products confirmed to function properly with the specific partner systems, host bus adapters, enclosures, operating systems, etc. For the details of the test please contact specific Partner. Product specifications provided do not constitute a warranty. Information is true as of the date of publication and is subject to change. Actual specifications for unique part numbers may vary.

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