



# HGST Ultrastar® 7K6

As the industry evolves to develop purpose-built solutions for growing data storage requirements, IT managers continue to rely on lower capacity drives that are economical to acquire, yet deliver quick and reliable data access for traditional data center applications. Ultrastar 7K6 is a low-capacity HDD, with 6TB and 4TB offerings, that helps address economic and access requirements of many traditional IT workloads. Lower capacity drives also help address architecture limitations. The Ultrastar 7K6 is designed for traditional storage and server applications as well as distributed and scalable computing, including block and file storage architectures, providing economical capacities, fast 7200 RPM performance and lower \$/unit acquisition cost to help ease budget constraints.

## Storage systems

AIC RSC-2ETo	HGST tested
AIC RSC-3EG2-8oR	HGST tested
AIC RSC-3EH	HGST tested
CIDesign NSR316	HGST tested
Chenbro RM31616	HGST tested
NEWISYS NDS-316oJD	HGST tested
Supermicro SC836TQ	HGST tested

## Host Bus Adapters

ATTO ExpressSAS H12o8	HGST tested
ATTO ExpressSAS H12oF	HGST tested
ATTO ExpressSAS H1244	HGST tested
ATTO ExpressSAS H128o	HGST tested
ATTO ExpressSAS H1288	HGST tested
ATTO ExpressSAS H12Fo	HGST tested
ATTO ExpressSAS H6o8	HGST tested
Adaptec 1000	HGST tested
Adaptec 71605He and 70165He with maxCrypto	HGST tested
Adaptec 7805H / 7085H / 71605H / 70165H	HGST tested
Broadcom 9341-4i	HGST tested
Broadcom 9341-8i	HGST tested
Broadcom 9400-16e	HGST tested
Broadcom 9400-16i	HGST tested
Broadcom 9400-24i	HGST tested
Broadcom 9400-8e	HGST tested
Broadcom 9400-8i	HGST tested
Intel RES3TV36o	HGST tested



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## Host Bus Adapters continued

Intel RMS3HCo8o	HGST tested
Intel RMS3JCo8o	HGST tested
Intel RMS3VC16o	HGST tested
Intel RS3UCo8oJ	HGST tested
Intel RS3WCo8o	HGST tested
LSI 9305-16e	HGST tested
LSI 9305-16i	HGST tested
LSI SAS 9205-8e	HGST tested
LSI SAS 9207-4i4e	HGST tested
LSI SAS 9207-8e	HGST tested
LSI SAS 9207-8i	HGST tested
LSI SAS 9300-4i	HGST tested
LSI SAS 9300-4i4e	HGST tested
LSI SAS 9300-8e	HGST tested
LSI SAS 9300-8i	HGST tested

## RAID Controllers

ATTO ExpressSAS H644	HGST tested
ATTO ExpressSAS R6o8	HGST tested
ATTO ExpressSAS R644	HGST tested
ATTO ExpressSAS R68o	HGST tested
Adaptec Adaptec RAID 8885Q with maxCache 3.0	HGST tested
Adaptec RAID 716o5	HGST tested
Adaptec RAID 716o5E	HGST tested
Adaptec RAID 816o5ZQ with maxCache 3.0	HGST tested
Adaptec RAID 8885 / 88o5 / 84o5	HGST tested
Areca ARC-1882i / 1882x / 1882LP / 1882ix-12/16/24	HGST tested
Areca ARC-1883i	HGST tested
Broadcom 9265-8i	HGST tested
Broadcom 9266-4i	HGST tested
Broadcom 9285-8e	HGST tested
Broadcom 9361-16i	HGST tested
Broadcom 9361-4i	HGST tested
Intel RMS3AC16o	HGST tested
Intel RMS3CCo4o	HGST tested
Intel RMS3CCo8o	HGST tested
Intel RS25ABo8o	HGST tested
Intel RS25DBo8o	HGST tested
Intel RS25NB0o8	HGST tested
Intel RS25SBoo8	HGST tested



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## RAID Controllers continued

Intel RS3DCo40	HGST tested
Intel RS3DCo80	HGST tested
Intel RS3FCo44	HGST tested
Intel RS3GCo08	HGST tested
Intel RS3MCo44	HGST tested
Intel RS3SCo08	HGST tested
Intel RS3UCo80	HGST tested
LSI 2208	HGST tested
LSI 3008	HGST tested
LSI 3108	HGST tested
LSI LSI MegaRaid 9361-8i	HGST tested
LSI MegaRAID SAS 9266-8i	HGST tested
LSI SAS 9285CV-8e	HGST tested
LSI Syncro CS 9271-8i	HGST tested
LSI Syncro CS 9286-8e	HGST tested
Marvell 88SE9485/9445, 88RC9580, 88SE64xx (IC)	HGST tested
PMC-Sierra PM8001 SPC 8x6G	HGST tested
PMC-Sierra PM8013	HGST tested
PMC-Sierra PM8015	HGST tested
PMC-Sierra PM8019	HGST tested
PMC-Sierra PM8063	HGST tested

## I/O Processor

Broadcom 3408/3416	HGST tested
LSI 2308	HGST tested
LSI 3216/3224	HGST tested
PMC-Sierra PM8018	HGST tested
PMC-Sierra PM8068	HGST tested
PMC-Sierra PM8069	HGST tested
PMC-Sierra PM8070	HGST tested
PMC-Sierra PM8072	HGST tested

## Operating systems

CentOS CentOS 6	HGST tested
CentOS CentOS 7.0	HGST tested
Microsoft Windows Server 2012 R2 64-bit	HGST tested
Microsoft Windows Server 2016	HGST tested
Red Hat Enterprise Linux 6.0	HGST tested
Red Hat Enterprise Linux 7	HGST tested



# HGST Ultrastar® 7K6

## Operating systems continued

SUSE Linux Enterprise Server 11  
SUSE Linux Enterprise Server 12.1

HGST tested  
HGST tested

## Chipsets

Intel C610/612

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## Expanders

Intel RES3FV288  
LSI LSISAS2X24  
LSI LSISAS2X28  
LSI LSISAS2X36  
LSI LSISAS3X36  
LSI LSISAS3X40  
LSI LSISAS3X48  
PMC-Sierra PM8004 SXP 24x6Gsec  
PMC-Sierra PM8005 SXP 36x6GSec  
PMC-Sierra PM8043  
PMC-Sierra PM8044  
PMC-Sierra PM8053  
PMC-Sierra PM8054  
PMC-Sierra PM8055  
PMC-Sierra PM8056  
PMC-Sierra PM8057

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## Server chassis

Supermicro SC825TQ  
Supermicro SC826E26

HGST tested  
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Supermicro SC826BE1C

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## Server systems

TST ESR-316

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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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