



# HGST Ultrastar® 15K600

The Ultrastar 15K600 combines ultimate performance with high capacity in a single drive, storing up to 600GB of data while spinning at 15,000 RPM. That amounts to a capacity growth of 33% over its predecessor to keep pace with digital data growth and improve space efficiency in today's data centers. At the same time, sequential performance increased by 23% compared to prior generation to keep data moving faster. The 64MB cache buffer is the largest in the industry in its class. The 6Gb/s Serial Attached SCSI (SAS) and 4Gb/s Fibre Channel Arbitrated Loop (FCAL) interfaces support the reliability required in the most demanding enterprise computing environments like on-line transaction processing, intensive data analysis, multi-user applications and data warehousing.

## Storage systems

[AIC MiniBOD series](#)

[AIC XJ1100](#)

[Promise VTrak J610sD/VTrak J610sS](#)

HGST tested / AIC tested

HGST tested

HGST tested

## Host Bus Adapters

[ATTO ExpressSAS H680](#)

[ATTO ExpressSAS H6Fo](#)

[Adaptec 6405H / 6805H](#)

[Adaptec 71605He and 70165He with maxCrypto](#)

[Adaptec 7805H / 7085H / 71605H / 70165H](#)

[Cambex FibreQuik PC2000](#)

[Emulex LP1050](#)

[Emulex LP11000](#)

[Emulex LP982](#)

[Emulex LPe11000](#)

[LSI SAS 3442E-R](#)

[LSI SAS 9200-8e](#)

[LSI SAS 9201-16e](#)

[LSI SAS 9201-16i](#)

[LSI SAS 9205-8e](#)

[LSI SAS 9206-16e](#)

[LSI SAS 9207-4i4e](#)

[LSI SAS 9207-8e](#)

[LSI SAS 9207-8i](#)

[LSI SAS 9300-4i](#)

[LSI SAS 9300-4i4e](#)

[LSI SAS 9300-8i](#)

HGST tested

HGST tested

Adaptec tested

Adaptec tested

Adaptec tested

HGST tested

HGST tested

HGST tested

HGST tested

HGST tested

HGST tested

LSI tested

LSI tested

LSI tested

LSI tested

LSI tested

LSI tested

LSI tested

LSI tested

LSI tested

LSI tested

LSI tested



# HGST Ultrastar® 15K600

## Host Bus Adapters continued

QLogic QLA2462

HGST tested

## RAID Controllers

Adaptec 48300

HGST tested

Adaptec 58300

HGST tested

Adaptec RAID 6405 / 6445 / 6805 / 6405T / 6805T

Adaptec tested

Adaptec RAID 6405E / 6805E

Adaptec tested

Adaptec RAID 6805Q and 6805TQ with maxCache 2.0

Adaptec tested

Adaptec RAID 71605E

Adaptec tested

Adaptec RAID 7805 / 71605 / 71685 / 78165 / 72405

Adaptec tested

Adaptec RAID 7805Q and 71605Q with maxCache 3.0

Adaptec tested

HighPoint RocketRAID 2680 / 2644x4 / 2642 / 2640x4 / 2640x1

HGST tested

HighPoint RocketRAID 4320

HGST tested

Intel RS25DB080

Intel tested

Intel RS25NB008

Intel tested

Intel RS2BLo40

Intel tested

Intel RS2BLo80

Intel tested

Intel RS2MBo44

Intel tested

Intel RS2PI008

Intel tested

Intel RS2SG244

Intel tested

Intel RS2VBo40

Intel tested

Intel RS2VBo80

Intel tested

Intel RS2WCo40

Intel tested

Intel RS2WCo80

Intel tested

Intel RS2WG160

Intel tested

LSI 3Ware SAS 9750-4i

LSI tested

LSI 3Ware SAS 9750-8i

LSI tested

LSI 3ware SAS 9750-16i4e

LSI tested

LSI 3ware SAS 9750-24i4e

LSI tested

LSI 3ware SAS 9750-4i4e

LSI tested

LSI 3ware SAS 9750-8e

LSI tested

LSI MegaRAID SAS 9240-4i

LSI tested

LSI MegaRAID SAS 9240-8i

LSI tested

LSI MegaRAID SAS 9260-16i

LSI tested

LSI MegaRAID SAS 9260-4i

HGST tested / LSI tested

LSI MegaRAID SAS 9260-8i / 9260DE-8i

HGST tested / LSI tested

LSI MegaRAID SAS 9261-8i

LSI tested

LSI MegaRAID SAS 9265-8i

LSI tested

LSI MegaRAID SAS 9266-4i

LSI tested

LSI MegaRAID SAS 9266-8i

LSI tested



# HGST Ultrastar® 15K600

## RAID Controllers continued

LSI MegaRAID SAS 9270-8i	LSI tested
LSI MegaRAID SAS 9271-4i	LSI tested
LSI MegaRAID SAS 9271-8i	LSI tested
LSI MegaRAID SAS 9271-8iCC	LSI tested
LSI MegaRAID SAS 9280-16i4e	LSI tested
LSI MegaRAID SAS 9280-24i4e	LSI tested
LSI MegaRAID SAS 9280-4i4e	LSI tested
LSI MegaRAID SAS 9280-8e / 9280DE-8e	LSI tested
LSI MegaRAID SAS 9285-8e	LSI tested
LSI MegaRAID SAS 9285CV-8e	LSI tested
LSI MegaRAID SAS 9286-8e	LSI tested
LSI MegaRAID SAS 9286CV-8e	LSI tested
LSI MegaRAID SAS 9286CV-8eCC	LSI tested
LSI SAS 2008	HGST tested
LSI SAS 9211-4i	LSI tested
LSI SAS 9211-8i	LSI tested
LSI SAS 9212-4i4e	LSI tested
LSI SAS 9300-8e	LSI tested
LSI SAS 9311-4i4e	LSI tested
LSI SAS 9311-8i	LSI tested
LSI Syncro CS 9271-8i	LSI tested
LSI Syncro CS 9286-8e	LSI tested
PMC-Sierra PM8001 SPC 8x6G	HGST tested

## Server systems

Intel (S1200BTL / S1200BTS) P4304XXSFCN	Intel tested
Intel (S1200BTL) P4304XXSHCN (Hot-swap)	Intel tested
Intel P4304BTL SFCN	Intel tested
Intel P4304BTL SHCN	Intel tested
Intel P4304BT S SFCN	Intel tested
Intel P4304SC2SFEN	Intel tested
Intel P4308CP4MHEN	Intel tested
Intel P4308CP4MHGC	Intel tested
Intel P4308IP4LHJC	Intel tested
Intel P4308SC2MHGC	Intel tested
Intel R1304BTL SFAN	Intel tested
Intel R1304BTL SHBN	Intel tested
Intel R1304BT S SFAN	Intel tested
Intel R1304EP2SHFN	Intel tested
Intel R1304GZ4GC	Intel tested



# HGST Ultrastar® 15K600

## Server systems continued

Intel R1304SP2SFBN	Intel tested
Intel R1304SP2SHBN	Intel tested
Intel R1304SP4SHOC	Intel tested
Intel R2308GL4GS	Intel tested
Intel R2308GZ4GC	Intel tested
Intel R2308IP4LHPC	Intel tested
Intel R2308SC2SHFN	Intel tested
Intel R2312GL4GS	Intel tested
Intel R2312IP4LHPC	Intel tested
Intel R2312SC2SHGR	Intel tested
Quanta Stratos S210	HGST tested

## Motherboards

Intel Workstation Board P4304CR2LFGN	Intel tested
Intel Workstation Board P4304CR2LFJN	Intel tested
Intel Workstation Board P4304CR2LFKN	Intel tested

## Expanders

LSI SAS2x36	HGST tested
LSI SASx12A	HGST tested
PMC-Sierra PM8005 SXP 36x6GSec	HGST tested
Rancho RSI-SAS36EXP	HGST tested
Rancho RTSASRFO-12X	HGST tested

## Operating systems

Microsoft Windows 2008 x86 Server	HGST tested
Microsoft Windows Vista 32-bit / 64-bit	HGST tested
Microsoft Windows XP	HGST tested

# HGST Ultrastar® 15K600



---

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.

---

© 02/2015 HGST, Inc.

Published in the United States. All rights reserved. Capacity notice: One GB is equal to one billion bytes and one TB equals 1,000 GB (one trillion bytes) when referring to hard drive capacity. Accessible capacity will vary from the stated capacity due to formatting and partitioning of the hard drive, the computer's operating system, and other factors. Ultrastar is a registered trademark of HGST, Inc. and its affiliates in the United States and/or other countries. HGST trademarks are authorized for use in countries and jurisdictions in which HGST has the right to use, market and advertise the brands. HGST shall not be liable to third parties for unauthorized use of HGST trademarks. Western Digital, WD, and the WD logo are registered trademarks of Western Digital Technologies, Inc. All other trademarks are the property of their respective owners. References in this publication to HGST products, programs, or services do not imply that HGST intends to make these available in all countries in which it operates. Some countries have laws that may affect encryption-enabled devices. HGST assumes no responsibility for compliance with laws that apply to our products after they are sold or outside of our control. Accordingly, we suggest that you review all laws of the countries where you conduct business. Product compatibility is provided for informational purposes only and does not constitute a warranty. Individual results may vary and each user is responsible for confirming its own requirements. Please visit the Support section of our website, [www.hgst.com/support](http://www.hgst.com/support), for additional information on product specifications.