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Compatibility Summary

Hitachi 6Gb/s SATA hard drives

Ultrastar 7K3000

| HUA723030ALA640 | HUA723020ALA640 |
| HUA723030ALA641 | HUA723020ALA641 |

Compatibility Testing

The Hitachi Global Storage Technologies Integration Lab tested this family of Ultrastar™ drives for compatibility with a wide variety of systems and operating systems.

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 verified during compatibility testing.

Many factors must be considered in order to take advantage of high-capacity drives (≥2.2TB). Some configurations offer a higher likelihood of success. If you want to use a high-capacity drive, please refer to our High Capacity Technology Brief and visit our Above 2TB web page at http://www.hitachigst.com/internal-drives/above-2tb

Hitachi recommends you back up all data before installing your new hard drive.

Systems and Motherboards

These Ultrastar products were found to work with the following systems. *(Please note: Use of an EFI BIOS is required in order to use a 3TB hard drive as a boot drive)*

Dell PowerEdge 1950
Dell PowerEdge 2970
Dell PowerEdge 6950
Dell PowerEdge R310
Dell PowerEdge R510 x4
Dell PowerEdge R510 x8
Dell PowerEdge R415
Dell PowerEdge R515
Dell PowerEdge R710
Dell PowerEdge T610
Dell PowerEdge T710
HP ProLiant DL380 G6
HP ProLiant ML350 G5
HP ProLiant ML370 G6
NetApp FAS2050
NetApp FAS3050
NetApp FAS3070

Host Bus Adapters (HBAs)

These Ultrastar products were found to be compatible with the following HBAs and host controller chipsets, some of which may not be included in the above system list.

*If a chipset vendor's specific SATA driver does not support capacities greater than 2.2TB, you must use the latest Microsoft drivers to gain access to 3TB capacities. Note: Items marked with * do not support capacities greater than 2.2TB.*

Please verify that you are using the latest firmware and device driver from the HBA manufacturer. Note: Items marked with # are 6Gb/s capable.

3Ware 9690SA *
3Ware 9750-8i #
3Ware 9xxx Series SATA RAID
Adaptec: 1045 &1405
Adaptec RAID: 2045 & 2405
Adaptec RAID 3045
Adaptec RAID: 3085 & 3805
Adaptec RAID: 31205 & 31605
Adaptec RAID: 51245 & 51645
Adaptec RAID 52445
Adaptec RAID 5405Z
Adaptec RAID 5445Z
Adaptec RAID 5805Z
ATTO ExpressSAS: H608 & H680 #
ATTO ExpressSAS: H60F & H6F0 #
ATTO ExpressSAS H644 #
ATTO ExpressSAS R680 #
Areca ARC 1300ix – 16
Areca ARC-1680
Dell PERC 5/i
Dell PERC H200
Dell PERC H700 #
Dell PERC S300
Dell SAS 6/iR
HighPoint RocketRAID 2680
LSI MegaRAID SAS: 8204ELP & 8208ELP *
LSI MegaRAID SAS: 8204XLP & 8208XLP *

LSI MegaRAID SAS: 8704ELP & 8708ELP *
LSI MegaRAID SAS 8704EM2 *
LSI MegaRAID SAS 8708EM2 *
LSI MegaRAID SAS 8888ELP
LSI MegaRAID SAS 8880EM2
LSI MegaRAID SAS 9240 – 4i & 8i #
LSI MegaRAID SAS 9260 – 4i & 8i #
LSI MegaRAID SAS 9260DE - 8e #
LSI MegaRAID SAS 9280 – 4i4e & 8e #
LSI MegaRAID SAS 9280DE - 8e #
LSI SAS1068E (IC) *
LSI SAS2008 (IC) #
LSI SAS: 3041E-R & 3081E-R *
LSI SAS: 3041X-R & 3080X-R *
LSI SAS 3442E-R *
LSI SAS 3442X-R *
LSI SAS 3801E *
LSI SAS 3801X *
LSI SAS 9200 – 8e & 16e #
LSI SAS 9210 – 4i4e #
LSI SAS 9211 – 4i & 8i #
LSI SAS 9212 – 4i4e #
Marvell 88SRC95xx (ROC) #
Marvell 88SE64xx (IC)
Marvell 88SE94xx (IC) #
Marvell VA6800m
PMC-Sierra PM8001 SPC 8x6G (IC) #
Promise SuperTrak Ex8650 *
Promise SuperTrak Ex8760T * #
Promise SuperTrak Ex8768

Enclosures

These Ultrastar products were found to be compatible with the following enclosures.

AIC XC-34D1
AIC XJ1100-3163
Dell Power Vault MD1000
Dell Power Vault MD 3000
HP DS2600
Promise SuperSwap 4600
Promise VTrak E610s
Promise VTrak J310s
Promise VTrak J610s
Xyratex RS1603

Expanders

These Ultrastar products were found to be compatible with the following expanders.

LSI SASx12A (IC)
LSI SASx36 (IC)
LSI LSISAS2x36 (IC) #
Marvell 88SM82xx (IC)
Maxim MAX72018 / MAX72024 #
Maxim MAX72038 / MAX72044 #
Maxim VSC7153 / VSC7160
Maxim VSC7156 / VSC7157 / VSC7158
PMC-Sierra PM8001 SXP 24x3GSec (IC)
PMC-Sierra PM8005 SXP 36x6GSec (IC) #
Rancho RSI-SAS36EXP
Rancho RTSASRFO-12X

Operating Systems

These Ultrastar products were found to be compatible with the following operating systems. *Note: For items marked with *, the accessible capacity of a 3TB drive may be limited to 2TB depending on how your system is configured.*

MS Windows Server 2000 32bit *
MS Windows Server 2003 32bit *
MS Windows Server 2003 64bit
MS Windows Server 2008 R2 32bit
MS Windows Server 2008 R2 64bit
MS Windows 7 32bit *
MS Windows 7 64bit *
MS Windows XP 32bit *
MS Windows XP SP2 32bit *
MS Windows Vista 32bit*
MS Windows Vista 64bit*
NetApp Data Ontap
Red Hat Enterprise Linux 4.8 64bit
Red Hat Enterprise Linux 5.5 64bit
Red Hat Enterprise Linux 6.0 64bit
SUSE Linux Enterprise Server 10 64bit
SUSE Linux Enterprise Server 11 64bit