

Compatibility Summary

Hitachi Ultrastar 7K3000

High-Capacity Enterprise Hard Drive

SAS 6Gb/s

Models:

HUS723030ALS640 HUS723020ALS640

HUS723030ALS641 HUS723020ALS641



Compatibility Testing

The Hitachi System Integration Lab tested this family of Ultrastar™ drives for compatibility with a variety of systems, Host Bus Adapter cards, enclosures, 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.

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

Systems

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

Dell PowerEdge R210
Dell PowerEdge R710
Dell PowerEdge T110
Dell PowerEdge T310
Dell PowerEdge T410
HP ProLiant DL350 G5
HP ProLiant DL380 G6
Oracle Sun Fire X4140 Server
Oracle Sun Fire X4270 M2 Server
Oracle Sun Netra X4450 Server

Host Bus Adapters (HBAs)

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

*Note (1): Items marked with a * indicate the accessible capacity of a 3TB drive may be limited to 2TB depending on how your system is configured.*

*Note (2): Items marked with ** do not support drives with capacities greater than 2.2TB.*

Note (3): Items marked with # are 6Gb/s capable.

3Ware SAS 9690SA
 3Ware SAS 9750 – 4i & 8i #
 Adaptec 1045 & 1405
 Adaptec 2045 & 2405
 Adaptec RAID 3045
 Adaptec RAID 3085 & 3805
 Adaptec RAID 31205
 Adaptec RAID 31605
 Adaptec RAID 51245
 Adaptec RAID 51645
 Adaptec RAID 52445
 Adaptec RAID 5405Z
 Adaptec RAID 5445Z
 Adaptec RAID 5805Z
 Adaptec RAID 6405 #
 Adaptec RAID 6805 #
 Areca ARC 1300ix – 16
 Areca ARC 1320 – 4i4x #
 Areca ARC 1320 – 8i & 8x #
 Areca ARC 1680D *
 ATTO ExpressSAS H6F0 #
 ATTO ExpressSAS H60F #
 ATTO ExpressSAS H608 #
 ATTO ExpressSAS H644 #
 ATTO ExpressSAS H680 #
 ATTO ExpressSAS R380
 ATTO ExpressSAS R680 #
 Dell PERC 6/i
 HighPoint RocketRAID 2680
 HighPoint RocketRAID 2710 #
 HighPoint RocketRAID 2720 #

HighPoint RocketRAID 2721 #
 HighPoint RocketRAID 2722 #
 HighPoint RocketRAID 4320
 HP Smart Array P212 #
 HP Smart Array P410 #
 HP Smart Array 410i
 LSI SAS 3041E-R *
 LSI SAS 3041X-R *
 LSI SAS 3080X-R *
 LSI SAS 3081E-R *
 LSI SAS 3442E-R *
 LSI SAS 3442X-R *
 LSI SAS 3801E *
 LSI SAS 3801X *
 LSI SAS 9200 – 8e & 16e #
 LSI SAS 9205 – 8e #
 LSI SAS 9210 - 4i4e #
 LSI SAS 9211 – 4i & 8i #
 LSI SAS 9212 - 4i4e #
 LSI MegaRAID SAS 8204ELP *
 LSI MegaRAID SAS 8208ELP *
 LSI MegaRAID SAS 8204XLP *
 LSI MegaRAID SAS 8208XLP *
 LSI MegaRAID SAS 8704ELP **
 LSI MegaRAID SAS 8708ELP **
 LSI MegaRAID SAS 8704EM2 **
 LSI MegaRAID SAS 8708EM2 **
 LSI MegaRAID SAS 8880EM2 **
 LSI MegaRAID SAS 8888ELP **
 LSI MegaRAID SAS 9240 – 4i & 8i #
 LSI MegaRAID SAS 9260 – 4i & 8i #
 LSI MegaRAID SAS 9260DE – 8e #
 LSI MegaRAID SAS 9265 – 8i #
 LSI MegaRAID SAS 9280 – 4i4e #
 LSI MegaRAID SAS 9280 – 8e #
 LSI MegaRAID SAS 9280DE – 8e #
 LSI MegaRAID SAS 9285 – 8e #
 Marvell 88RC9580 (ROC) #
 Marvell 88SE64xx (IC)
 Marvell 88SE94xx (IC) #
 Promise FastTrak Tx2650
 Promise FastTrak Tx4650
 Promise SuperTrak Ex8650
 Promise SuperTrak Ex8760T #
 Promise SuperTrak Ex8768 #
 Sun SGX-SAS6-INT-Z #

Expanders

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

Note: Items marked with # are 6Gb/s capable.

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

Enclosures

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

AIC XJ1100-3163 (XJ-SA24-316R-B)
 HP D2600
 Promise VTrak E610sD/sS
 Promise Vtrak J310sD/sS
 Promise Vtrak J610sD/sS
 Xyratex RS-1603-X

Operating Systems

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

*Note: For items marked with a *, the accessible capacity of a 3TB drive may be limited to 2.2TB.*

Solaris 10u9
 Solaris 10u10
 Solaris 11
 Solaris x86
 Windows 7 32-bit
 Windows 7 64-bit
 Windows Server 2000 32-bit *
 Windows Server 2003 32-bit *
 Windows Server 2003 64-bit
 Windows Server 2008 R2 32-bit *
 Windows Server 2008 R2 64-bit
 Windows Vista 32-bit
 Windows Vista 64-bit
 Windows XP SP2 32-bit *

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Produced in the United States 01/12

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31 January 2012
