

HITACHI

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Compatibility Summary

Ultrastar A7K1000

Serial ATA (SATA) Interface

Models:

HUA721010KLA330

HUA721075KLA330

HUA721050KLA330



Compatibility

The Hitachi System Integration Lab tested this family of Ultrastar drives for compatibility with a wide variety of systems, Host Bus Adaptor cards. Testing was 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 your new hard drive.

SATA Systems

Apple Power Mac G5
Dell Dimension C521
Dell Dimension E310
Dell Dimension E510
Dell Dimension E520
Dell Dimension XPS 210
Dell Dimension XPS 400
Dell Dimension XPS 410
Dell Dimension XPS 700
Dell Dimension XPS 710
Dell Optiplex 210L
Dell Optiplex 745
Dell PowerEdge 400SC
Dell PowerEdge 800
Dell Precision WS 380
Dell Precision WS 390
Dell Precision WS 490
Dell Precision WS 690
Gateway DX300X
Gateway FX400X
HP/Compaq dc5700 MT
HP/Compaq dc5700 SFF
HP/Compaq dc7100

SATA Systems continued

HP/Compaq dc7600 SFF
HP/Compaq dc7600 USDT
HP/Compaq dc7700 CMT
HP/Compaq dc7700 USDT
HP/Compaq dx5150MT
HP/Compaq Pavilion
HP/Compaq Pavilion a1017c
HP/Compaq Pavilion a1019h
HP/Compaq Pavilion a1600n
HP/Compaq Pavilion a1640n
HP/Compaq Presario SR1403WM
HP/Compaq Presario SR 1603WM
HP/Compaq Presario SR 1722X
HP/Compaq xw6200
HP/Compaq xw8200
HP/Compaq xw 9300
IBM ThinkCentre A52
IBM ThinkCentre M50
IBM ThinkCentre M51
IBM ThinkCentre M52
IBM ThinkCentre S50
IBM ThinkCentre S51
IBM xSeries 336
Sony VAIO VGC-RB51P
Sony VAIO VGC-RC210G
Sony VAIO VGX-XL1

SATA Motherboards

<u>Vendor</u>	<u>Model</u>
Abit	IS7-G
Abit	NF8-V2
Abit	ULB
Albatron	K8X800 Pro II
AlienWare	AREA 51
AlienWare	Aurora
Aopen	i945Gm-PILF
Asus	A8N-SLI Deluxe
Asus	P4C800 Deluxe-UAY
Asus	P4C800-E Deluxe-UAY
Asus	P4P800
Asus	P5W D2
Asus	SK8N
Asus	T2-AE1
FIC	AU13 MAX
Gigabyte	GA-8GNXP
Gigabyte	GA-8INXP
Gigabyte	GA-K8U-939
Intel	D865PERL
MSI	865 PE NE 02 FISR
MSI	K8N NE 04 Platinum
MSI	K8NGM2-FID
MSI	K8NGM2-L
MSI	P4N Diamond
Silicon Image	SV2000
SiS	SiS 966
Tyan	S2892 Thunder K8SE
VIA	VT8379B
VIA	VT83443E

SATA Controllers

<u>Vendor</u>	<u>Model</u>
Adaptec	1210SA
Adaptec	1420SA
AMCC/3ware	9550SX-16ML
AMCC/3ware	9550SX-8LP
HighPoint	RocketRAID 2220
HighPoint	RocketRAID 2310
HighPoint	RocketRAID 2320
HighPoint	RocketRAID 3320
LSI Logic	MegaRAID 3320 SATA 300-8X
Pacific Digital	Qmaster QM-4

SATA Controllers continued

<u>Vendor</u>	<u>Model</u>
Promise	FastTrak TX2200
Promise	FastTrak TX2300
Promise	FastTrak TX4310
Promise	SATA300 TX4
Promise	SuperTrak EX16300
Promise	SuperTrak EX8350x
Silicon Image	PB3124

SAS Host Bus Adapters

<u>Vendor</u>	<u>Model</u>
Adaptec	4805SAS RAID
Adaptec	48300
LSI Logic	1068
LSI Logic	1068E
LSI Logic	3442X
LSI Logic	3442X-R
LSI Logic	3041X
LSI Logic	MagaRAID 8480E

SAS Enclosurers

<u>Vendor</u>	<u>Model</u>	<u>Embedded Expander</u>
Adaptec	SANBloc S50	PMC Sierra
AIC	RMC3E2-80R-SAD	Vitesse
Promise	J300S	PMC Sierra
SuperMicro	4 bay SAS	
Xyratex	RS-1603-E3	LSI

SAS Servers

<u>Vendor</u>	<u>Model</u>
Lenovo	T/R280
Intel	S5000PAL
Intel	SE7320VP2
Intel	SE7221BK1-E
Intel	SSR212CC

Operating Systems

Apple Mac OS X
Apple Mac OS X 10.4
Apple OpenFirmware interface
Debian Sarge 3.1
Flexstar Perseus
HP Linux on USB
Knoppix Linux Live
Microsoft DOS
Microsoft Win2000 Pro SP4
Microsoft WinServer 2003 Enterprise SP1
Microsoft WinServer 2003 Standard SP1
Microsoft WinVista Beta 1
Microsoft WinVista Beta 2
Microsoft WinVista Home Premium x86
Microsoft WinVista RTM x64 6.0.6000
Microsoft WinVista RTM x86 6.0.6000
Microsoft WinVista Ultimate Beta 2 Build 5342
Microsoft WinVista Ultimate x64 RC2 Build 5754
Microsoft WinVista Ultimate x64 Beta 2 Build 5784
Microsoft WinVista Ultimate x86 Beta 2, Build 5365
Microsoft WinVista Ultimate x86 Beta 2, Build 5381
Microsoft WinVista Ultimate x86 RC2 Build 5754
Microsoft WinXP Home
Microsoft WinXP Home SP1
Microsoft WinXP Media Center SP1
Microsoft WinXP Pro
Microsoft WinXP Pro 64-bit SP1
Microsoft WinXP Pro SP-1
Microsoft WinXP Pro SP-2
Microsoft WinXP Tablet PC Edition 2005 SP2
Network Appliance Data ONTAP
Novell SuSE 9.0
Redhat Fedora Core 4
Red Hat Linux 8.0
SUN Solaris 2.10

General Notes

- 1) No major SATA compatibility exceptions or noted conditions to report existed at the time of this report.
- 2) Not every possible system/OS/test/adapter combination was covered during test.
- 3) Noted chipset issues while running at 3Gb/s are as follows:
 - VIA 8237A chipset does not work at 3Gb/s
 - Marvell Gen 1 series core (88i8030, 88SX50XX, etc.) issue with 3Gb/s
 - Sierra Logic SR-1216 chipset issue with 3Gb/s

These issues are understood by their respective vendors and white papers or explanations are available.

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