

# **Fibre-to-SAS/SATA RAID Subsystem Hard Disk Drives Compatibility List**

## Subsystems included:

- S16F-R1430: 3U/16-bay, 4G Fibre to SAS/SATA Redundant RAID Subsystem
- S16F-G1430: 3U/16-bay, 4G Fibre to SAS/SATA Single RAID Subsystem
- S12F-R1432: 2U/12-bay, 4G Fibre to SAS/SATA Redundant RAID Subsystem
- S12F-G1433: 2U/12-bay, 4G Fibre to SAS/SATA Single RAID Subsystem
- B12F-R1430: 1U/12-bay, 4G Fibre to 2.5" SAS Redundant RAID Subsystem
- B12F-G1430: 1U/12-bay, 4G Fibre to 2.5" SAS Single RAID Subsystem
- B12F-G1431: 1U/12-bay, 4G Fibre to 2.5" SAS Single RAID Subsystem

## SAS 3Gb/s Hard Disk Drives

Vendor	Series	Model	Capacity	RPM	Microcode	Form Factor	S16F-R1430	S16F-G1430	S12F-R1432	S12F-G1433	B12F-R1430	B12F-G1430	B12F-G1431
Hitachi	Ultrastar 15K450	HUS154530VLS300	300GB	15K	A4B0	3.5"	Y	Y	Y	Y	-	-	-
		HUS154545VLS300	450GB	15K	A4B0	3.5"	Y	Y	Y	Y	-	-	-
	Ultrastar 15K300	HUS153030VLS300	300GB	15K	A410	3.5"	Y	Y	Y	Y	-	-	-
		HUS153014VLS300	450GB	15K	A410	3.5"	Y	Y	Y	Y	-	-	-
Seagate	UltraStar C10K147	HUC101414CSS300	147GB	10K	A410	2.5"	-	-	-	-	Y	Y	Y
	Cheetah 15K.6	ST3300656SAS	300GB	15K	0004	3.5"	Y	Y	Y	Y	-	-	-
		ST3450856SAS	450GB	15K	0004	3.5"	Y	Y	Y	Y	-	-	-
	Cheetah NS	ST3400755SS	400GB	10K	0001	3.5"	Y	Y	Y	Y	-	-	-
	Barracuda ES.2	ST3500620SS	500GB	7200	0001	3.5"	Y	Y	Y	Y	-	-	-
		ST3750630SS	750GB	7200	0001	3.5"	Y	Y	Y	Y	-	-	-
		ST31000640SS	1TB	7200	0001	3.5"	Y	Y	Y	Y	-	-	-
	Savvio 10K.2	ST973402SS	73GB	10K	0002	2.5"	-	-	-	-	Y	Y	Y
		ST9146802SS	147GB	10K	0001	2.5"	-	-	-	-	Y	Y	Y
	Savvio 15K	ST973451SS	73GB	15K	0001	2.5"	-	-	-	-	Y	Y	Y
	Savvio 10K.3	ST9300603SS	300GB	10K	0003	2.5"	-	-	-	-	Y	Y	Y
		(6Gb/s)	ST9146803SS	147GB	10K	0003	2.5"	-	-	-	-	Y	Y
	Savvio 15K.2	ST973452SS	73GB	15K	0002	2.5"	-	-	-	-	Y	Y	Y



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	(6Gb/s)	ST9146852SS	146GB	15K	0002	2.5"	-	-	-	-	Y	Y	Y
Fujitsu	AL10	MBA3147RC	147GB	15K	0103	3.5"	Y	Y	Y	Y	-	-	-
		MBA3300RC	300GB	15K	0103	3.5"	Y	Y	Y	Y	-	-	-
		MBC2036RC	36GB	15K	0104	2.5"	-	-	-	-	Y	Y	Y
		MBC2073RC	73GB	15K	0102	2.5"	-	-	-	-	Y	Y	Y
		MBB2147RC	147GB	10K	0105	2.5"	-	-	-	-	Y	Y	Y

## SAS 6Gb/s Hard Disk Drives

Vendor	Series	Model	Capacity	RPM	Microcode	Form Factor	S16F-R1430	S16F-G1430	S12F-R1432	S12F-G1433	B12F-R1430	B12F-G1430	B12F-G1431
Hitachi	Ultrastar C15K147	HUC151473CSS600	73GB	15K	A330	2.5"	–	–	–	–	Y	Y	Y
		HUC151414CSS600	147GB	15K	A330	2.5"	–	–	–	–	Y	Y	Y
	Ultrastar 15K600	HUS156030VLS600	300GB	15K	A510	3.5"	Y	Y	Y	Y	–	–	–
		HUS156045VLS600	450GB	15K	A510	3.5"	Y	Y	Y	Y	–	–	–
		HUS156060VLS600	600GB	15K	A510	3.5"	Y	Y	Y	Y	–	–	–

## SATA-II 3Gb/s Hard Disk Drives

Vendor	Series	Model	Capacity	RPM	Microcode	Form Factor	S16F-R1430	S16F-G1430	S12F-R1432	S12F-G1433	B12F-R1430	B12F-G1430	B12F-G1431
Hitachi	A7K1000	HUA721050KLA330	500GB	7200	70M/B0A	3.5"	Y	Y	Y	Y	Y*	Y*	Y*
		HUA721075KLA330	750GB	7200	70M/B0A	3.5"	Y	Y	Y	Y	Y*	Y*	Y*
		HUA721010KLA330	1TB	7200	70M/B0A	3.5"	Y	Y	Y	Y	Y*	Y*	Y*
	A7K1000	HUA722020ALA330	2TB	7200	28G	3.5"	Y	Y	Y	Y	Y*	Y*	Y*
	E7K1000	HDE721050SLA330	500GB	7200	A31B/A3AA	3.5"	Y	Y	Y	Y	Y*	Y*	Y*
		HDE721075SLA330	750GB	7200	Ref.	3.5"	Y	Y	Y	Y	Y*	Y*	Y*
		HDE721010SLA330	1TB	7200	Ref.	3.5"	Y	Y	Y	Y	Y*	Y*	Y*
Seagate	Barracuda ES.2	ST3250310NS	250GB	7200	SN06	3.5"	Y*	Y	Y	Y	—	Y*	Y*
		ST3500320NS	500GB	7200	SN06	3.5"	Y*	Y	Y	Y	—	Y*	Y*
		ST3750330NS	750GB	7200	SN06	3.5"	Y*	Y	Y	Y	—	Y*	Y*
		ST31000340NS	1TB	7200	SN06	3.5"	Y*	Y	Y	Y	—	Y*	Y*
	Constellation	ST9160511NS	160GB	7200	Ref.	2.5"	—	—	—	—	Y	Y	Y
		ST9500530NS	500GB	7200	SN02	2.5"	—	—	—	—	Y	Y	Y
	Constellation ES	ST35000514NS	500GB	7200	SN11	3.5"	Y	Y	Y	Y	Y	Y	Y
		ST31000524NS	1TB	7200	SN11	3.5"	Y	Y	Y	Y	Y	Y	Y
ST32000644NS		2TB	7200	SN11	3.5"	Y	Y	Y	Y	Y	Y	Y	
Western	GP	WD5000ABPS	500GB	7200	02.01B01	3.5"	—	Y	—	—	—	—	—



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Digital		WD7500AYPS	750GB	7200	02.01B01	3.5"	-	Y	-	-	-	-	
		WD1000FYPS	1TB	7200	02.01B01	3.5"	-	Y	-	-	-	-	
	VelociRaptor	WD3000HLFS	300GB	7200	4V01	3.5"	-	Y	-	Y	-	-	
		WD3000BLFS	300GB	10K	4V01	2.5"	-	-	-	-	Y	Y	Y
		WD1500BLFS	150GB	10K	Ref.	2.5"	-	-	-	-	Y	Y	Y
	RE2	WD7500AYYS-01RC AO	750GB	7200	30.04G30	3.5"	-	Y	-	-	-	-	
Fujitsu	MHZ-BK	MHZ2250BK	250GB	7200	011E	2.5"	-	-	-	-	Y	Y	Y

\* Compatibility test result for the 2U or 3U JBOD connected to this subsystem

\*\* Please contact your local sales representatives for technical support

## SATA 3Gb/s Solid State Drives (SSD)

Vendor	Model	Capacity	Form Factor	S16F-R1430	S16F-G1430	S12F-R1432	S12F-G1433	B12F-R1430	B12F-G1430	B12S-R1030	B12S-G1030
Mtron	MSP7500	64GB	3.5"	–	Y***	–	–	–	–	–	–
Intel	X25-E	32GB	2.5"	–	–	–	–	Y	Y	Y	Y
	X25-E	64GB	2.5"	–	–	–	–	Y	Y	Y	Y
	X25-M	80GB	2.5"	–	–	–	–	–	Y***	–	–

\*\*\* Compatibility test passed with FW3.64J08

Please Note that:

The compatibility test may only take a few hours up to a few days. It is not possible to tell the quality or reliability of a 3rd party device from the compatibility test. Infortrend does not hold the responsibility for the quality, reliability or other issues of the device listed above. A device that has been listed with "Y" (OK) status, only means it can work with our products with the tested configuration, at the time we test it.