RocketRAID Series SATA and SATA Hard Drive Compatibility List

January 22, 2009

SATA and SAS Drive Information								
MFG	Models	FW Versions	Capacity(GB)	Form Factor	SMART	NCQ	Stagger Spinup	SATA /SAS Speed
Seagate (ST)								
ST	ST3160812SV*	3.ACP	160	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3250824AS*	3.AEE	250	3.5″	Yes	Yes	No	1.5Gb/s
ST	ST3250824AS*	3.AAE	250	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3250824AS*	3.AAC	250	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3300622AS*	3.AAH	300	3.5″	Yes	No	No	3.0Gb/s
ST	ST3300831AS*	3.03	300	3.5″	Yes	Yes	No	1.5Gb/s
ST	ST3320620SV*	3.ACG	320	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3400620NS*	3.AEE	400	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3400632NS*	5.01	400	3.5″	Yes	Yes	No	1.5Gb/s
ST	ST3500641AS*	3.AEE	500	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3500641NS*	3.AEC	500	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3500630AS*	3.ACC	500	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3640323AS*	SD13	640	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST3750640NS*	3.AEE	750	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST31000340AS*	AD14	1000	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST31000340NS*	SN04	1000	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST31000340NS*	SN05	1000	3.5″	Yes	Yes	No	3.0Gb/s
ST	ST31500341AS	SD1A	1500	3.5”	Yes	Yes	No	3.0Gb/s
ST	ST3750330NS	SD1A	750	3.5”	Yes	Yes	No	3.0Gb/s
ST	ST3146855SS	S527	146	3.5″	Yes	No	No	3.0Gb/s
ST	ST3300655SS	S527	300	3.5″	Yes	No	No	3.0Gb/s
ST	ST3500620SS	3	500	3.5”	Yes	No	No	3.0Gb/s
ST	ST146356SS	3	146	3.5”	Yes	No	No	3.0Gb/a
Western Digital (WD)								
WD	WD740GB	31.08F31	74	3.5″	Yes	TCQ	Yes	1.5Gb/s
WD	WD740GB	33.08F33	74	3.5″	Yes	TCQ	Yes	1.5Gb/s
WD	WD1500ADFD	19.06P19	150	3.5″	Yes	Yes	Yes	1.5Gb/s
WD	WD1500ADFD	20.07P20	150	3.5″	Yes	Yes	Yes	1.5Gb/s
WD	WD2500AAJS	3A01	250	3.5″	Yes	No	Yes	1.5Gb/s
WD	WD2500KS**	02.01C03	250	3.5″	Yes	No	No	3.0Gb/s
WD	WD2500YD	10.02E01	250	3.5″	Yes	Yes	No	1.5Gb/s
WD	WD3200SD	08.05J08	320	3.5″	Yes	No	No	1.5Gb/s
WD	WD3200KS**	21.00M21	320	3.5″	Yes	Yes	No	3.0Gb/s
WD	WD320AAKS	54B	320	3.5″	Yes	Yes	No	3.0Gb/s
WD	WD4000YR	01.06A01	400	3.5″	Yes	Yes	No	1.5Gb/s
WD	WD4000KS**	07.02E07	400	3.5″	Yes	Yes	No	3.0Gb/s
WD	WD5000AAKS**	12.01.C01	500	3.5″	Yes	Yes	No	3.0Gb/s
WD	WD5000KS**	06.02E06	500	3.5″	Yes	Yes	No	3.0Gb/s
WD	WD5000ABPS	02.01B01	500	3.5″	Yes	Yes	Yes	3.0Gb/s
WD	WD5001ABYS	58.01D01	500	3.5″	Yes	Yes	Yes	3.0Gb/s
WD	WD5002ABYS RE3	3B02	500	3.5”	Yes	Yes	Yes	3.0Gb/s
WD	WD300HLFS-01G6U0	4V01	300	3.5”	Yes	Yes	Yes	3.0Gb/s
WD	WD10FACS	01.01B01	1000	3.5″	Yes	Yes	Yes	3.0Gb/s
WD	WD1000FYPS RED2-GP	300	1000	3.5”	Yes	Yes	Yes	3.0Gb/s
Hitachi (HT)1								
HT	HDS722512SA80	V330A63A	120	3.5″	Yes	TCQ	No	1.5Gb/s
HT	HDS722512VLSA80	V33OA6MA	120	3.5″	Yes	TCQ	No	1.5Gb/s
HT	HDS722525VLSA80	V360A6MA	250	3.5″	Yes	TCQ	Yes	1.5Gb/s
HT	HDS725050KLA360	K2A0A10C	500	3.5″	Yes	Yes	Yes	3.0Gb/s
HT	HDS725050KLA360	K2A0A51A	500	3.5″	Yes	Yes	Yes	3.0Gb/s
HT	HDP725050GLA360	A52A	500	3.5″	Yes	No	Yes	3.0Gb/s
HT	HDS721010KLA330	KAOA70M	1000	3.5″	Yes	Yes	Yes	3.0Gb/s

SATA and SAS Drive Information								
MFG	Models	FW Versions	Capacity(GB)	Form Factor	SMART	NCQ	Stagger Spinup	SATA /SAS Speed
HT	HUS151473VLS300	A230	73	3.5″	Yes	No	No	3.0Gb/s
HT	HUS153073VLS300	A410	73	3.5″	Yes	No	No	3.0Gb/s
HT	HUS153014VLS300	A2E8	146	3.5″	Yes	No	No	3.0Gb/s
HT	HGS-US154545VLS300	VM0A4B0	450	3.5	Yes	No	No	3.0Gb/s
FUJITSU LIMITED(FL)								
FL	MAX3036RC	0104	36	3.5″	Yes	No	No	3.0Gb/s
FL	MAX3073RC	0104	73	3.5″	Yes	No	No	3.0Gb/s
FL	MAY2073RC	0103	73	2.5″	Yes	No	No	3.0Gb/s
FL	MBA3073RC	0103	73	3.5″	Yes	No	No	3.0Gb/s
SAMSUNG(SS)								
SS	SP2504C	VT100-50	250	3.5″	Yes	Yes	No	3.0Gb/s
SS	HD501LJ	CR100-06	500	3.5″	Yes	Yes	No	3.0Gb/s
SS	HE103UJ1	1AA01108	1000	3.5"	Yes	Yes	Yes	3.0Gb/s
Maxtor(MT)								
MT	6V250F0	VA101600	250	3.5″	Yes	Yes	No	3.0Gb/s
MT	6H500F0	HA431C00	500	3.5″	Yes	Yes	No	3.0Gb/s

Caution: RR2640 is not compatible with HDS725050KLA360 500G Disk、WD50000AAKS 500G Disk

* Seagate disks do not respond to our Staggered Drive Spin Up command

** WD AAKS and KS disks are not recommended for RAID configurations (single disk "legacy" mode is OK)

RocketRAID Series Motherboard List

Manufacturer	Model	Chipset	BIOS	BIOS Version	PCI Slots	CPU
ASUS	M2N32-SLI Deluxe	Nvidia nForce590 SLI	Phoenix	0903	PCI-E	AM2 Athlon 64
ASUS	NCLV-D2	Intel E7320	AMI	1002	PCI-E	Xeon 2.8
ASUS	PSCH-SR/IDE	Intel E7210	Phoenix	1006	PCI-X	Pentium (R) 2.4
Giga Byte	GA-EP45-D54	Intel EP45	Award	V6.00PG	PCI-E	Intel Core 6300
Giga Byte	GA-G1975X	Intel 975X	Award	5.43.02.27.E0	PCI-E	Celeron 3.06
Giga Byte	GA-P35-DS3R	Intel P35-DS3R	Award	V6.00PG	PCI-E	Intel Core 6300
Giga Byte	GA-965G	Intel 965G	Award	DS3-F3	PCI-E	Intel Core 2
Intel	D915GAV	Intel 915G	Intel	EV91510A.86A.0482	PCI-E	Pentium (R) 2.8
Intel	D975XBX	Intel 975X	Intel	BX97510J.86A.1479.2007.0403.1737	PCI-E	Pentium (R) 3.0
Intel	D865PERL	Intel 865E	Intel	RL96510A.86A.0075.P15	PCI-X	Intel Core
Intel	SE7320SP2	Intel E7320	AMI	SE7320SP20.86B.P.11.00.0043	PCI-E	Xeon 2.8
Intel	SE7520BD2	Intel E7520	AMI	09.00	PCI-E	Xeon 2.8
Intel	S3000AH	Intel 3000+ICH7R	AMI	S3000.86B.02.00.0043.061820070639	PCI-E	Intel Core
Intel	S5000VSA	Intel 5000 V	Intel	S5000.86B.05.00.0070	PCI-E	Xeon 3.0
Supermicro	X6DA8-G2	Intel E7525	Phoenix	5.73.22.16.00C	PCI-E	Xeon 2.8
Supermicro	X6DH8-G2	Intel E7520	Phoenix	1.3a	PCI-E	Xeon 2.8
Supermicro	X7DAE	Intel 5000X	Phoenix	1.3b	PCI-E	Xeon 3.0
Supermicro	X7DB3	Intel 5000P	Phoenix	1.2	PCI-E	Xeon 1.6
Supermicro	X7DWN+	Intel 5400	Phoenix	1.0b	PCI-E	Xeon 2.33
SOYO	SY-A780-GR	AMD 780+SB700	Phoenix	V6.00PG	PCI-E	AMD9550
Tyan	S2895	Nvidia nForce Pro 2200 / 2050 / AMD 8131	Phoenix	1.04.2895	PCI-E	Processor 242 1.61

Caution: RR1640 is not compatible with Intel S3000AH;

　　　　RR23XX、RR264X、RR3XXX compatible with PCI-E slot MB only