

HighPionnt RocketRAID 3000 and RocketRAID 4000 series Compatibility List

November 25, 2010

RocketRAID (4000, 3000) Series Motherboard List

Manufacturer	Model	Chipset	BIOS	BIOS Version	PCI Slots	CPU	Memory Type	Capability
ASUS	P5QL-EM	Intel G43+ICH10R	AMI	0314	PCI-E	Pentium(R) D 3.0	DDR2	256M*2
ASUS	Z8NA-D6C	Intel 5500	AMI	0205	PCI-E	Xeon E5504	DDR3	2G*2
ASUS	M4A89GTD-PRO-USB3	AMD 890GX/SB850	AMI	1301	PCI-E	AMD Athlon II ×4 630 Processor	DDR3	2G*2
ASRock	P55 PR0	Intel P55	AMI	P1.50	PCI-E	Intel Core i5 750	DDR3	2G*1
Giga Byte	GA-EP45-D54	Intel EP45	Award	V6.00PG	PCI-E	Intel Core 6300	DDR2	2G*2
Giga Byte	GA-P35-DS3R	Intel P35-DS3R	Award	V6.00PG	PCI-E	Intel Core 6300	DDR2	512M*2
Giga Byte	GA-MA790GP-UD3H	AMD 790GX	Award	F1	PCI-E	AMD Athlon II ×4 2.6	DDR2	1G*1
Giga Byte	GA-H55M-S2H	Intel H55	Award	F5	PCI-E	Intel core i3	DDR3	2G*2
Giga Byte	GA-P55A-UD3R	Intel P55	Award	F9	PCI-E	Intel Core i5 750@2.67	DDR3	2G*1
Intel	S3000AH	Intel 3000+ICH7R	AMI	S3000.86B.02.00.0043.061820070639	PCI-E	Intel Core	DDR2	1G*1
Intel	S5000VSA	Intel 5000 V	Intel	S5000.86B.12.00.0098	PCI-E	Xeon 3.0	DDR2	1G*2
Intel	DP55WG	Intel P55	AMI	KGIBX10J.86A.4905	PCI-E	Intel Core i5 750	DDR3	2G*1
Supermicro	X7DAE	Intel 5000X	Phoenix	1.3b	PCI-E	Xeon 3.0	DDR2	1G*2
Supermicro	X7DB3	Intel 5000P	Phoenix	1.2	PCI-E	Xeon 1.6	FB-DIMM	2G*4
Supermicro	X7DWN+	Intel 5400	Phoenix	1.2b	PCI-E	Xeon 2.33	FB-DIMM	2G*4
Supermicro	X8SAX	Intel X58	AMI	1.0b	PCI-E	Intel core i7 2.67GHz	KVR 1333D3N9	1G*2
SOYO	SY-A780-GR	AMD 780+SB700	Phoenix	V6.00PG	PCI-E	AMD9550	DDR2	512M*2

RocketRAID 3000 Series Drive List
SATA Drive Information

MFG	Models	FW Versions	Capacity(GB)	Form Factor	SMART support	NCQ support	Stagger Spinup	SATA Speed
Hitachi(HH)								
HT	HDS725050KLA360	K2A0A10C	500	3.5"	YES	YES	YES	3.0Gb/s
HH	HDS725050KLA360	K2A0A51A	500	3.5"	YES	YES	YES	3.0Gb/s
HH	HDP725050GLA360	A52A	500	3.5"	YES	NO	YES	3.0Gb/s
HH	HDS721010KLA330	KAOA70M	1000	3.5"	YES	YES	YES	3.0Gb/s
HH	HDT721010SLA360	ST6OA31B	1000	3.5"	YES	YES	YES	3.0Gb/s
HH	HDS722020ALA330	JKAOA20N	2000	3.5"	YES	YES	YES	3.0Gb/s
SAMSUNG(SS)								
SS	HE103UJ1	1AA01108	1000	3.5"	YES	YES	YES	3.0Gb/s
Seagate(ST)								
ST	ST3160812SV*	3.ACP	160	3.5"	YES	YES	NO	3.0Gb/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	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	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	ST3500410AS	CC44	500	3.5"	YES	YES	NO	6.0Gb/s
ST	ST3500418AS	CC34	500	3.5"	YES	YES	NO	6.0Gb/s
ST	ST3500418AS	CC35	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	ST31500341AS*	CC1H	1500	3.5"	YES	YES	NO	3.0Gb/s
Western Digital								
WD	WD2500KS**	02.01C03	250	3.5"	YES	NO	NO	3.0Gb/s
WD	WD3200KS**	21.00M21	320	3.5"	YES	YES	NO	3.0Gb/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	WD10EACS	01.01B01	1000	3.5"	YES	YES	YES	3.0Gb/s
WD	WD1001FALS	0K05	1000	3.5"	YES	YES	YES	3.0Gb/s
WD	WD1002FBYS	0C05	1000	3.5"	YES	YES	YES	3.0Gb/s
WD	WD2002FYPS	04.05G04	2000	3.5"	YES	YES	YES	3.0Gb/s
WD	WD2003FYYS	01.01D01	2000	3.5"	YES	YES	YES	3.0Gb/s

*, **: disk does not support ATA6 power up in standby mode. RocketRAID BIOS staggered spin up feature cannot support with these drives.

SSD Drive List for RocketRAID 3000 Series

SSD Driver Information					
MFG	Models	FW Versions	Capacity(GB)	Form Factor	SATA Speed
Intel	X25-E SSDSA2SH032G	8790	32	2.5"	3.0Gb/s
KingFast	KF2501-032S	/	32	2.5"	3.0Gb/s
MemoRight	MR25.2-032S	/	32	2.5"	1.5Gb/s
OCZ	VERTEX SERIES	/	30	2.5"	3.0Gb/s
OCZ	VERTEX SERIES	/	120	2.5"	3.0Gb/s

Caution: Only RR35XX compatible with OCZ SSD driver.

RocketRAID 4000 Series Drive List

SATA Drive Information								
MFG	Models	FW Versions	Capacity(GB)	Form Factor	SMART support	NCQ support	Stagger Spinup	SATA Speed
Hitachi(HH)								
HT	HDS725050KLA360	K2A0A10C	500	3.5"	YES	YES	YES	3.0Gb/s
HH	HDS725050KLA360	K2A0A51A	500	3.5"	YES	YES	YES	3.0Gb/s
HH	HDP725050GLA360	A52A	500	3.5"	YES	NO	YES	3.0Gb/s
HH	HDS721010KLA330	KAOA70M	1000	3.5"	YES	YES	YES	3.0Gb/s
HH	HDT721010SLA360	ST6OA31B	1000	3.5"	YES	YES	YES	3.0Gb/s
HH	HDS722020ALA330	JKAOA20N	2000	3.5"	YES	YES	YES	3.0Gb/s
SAMSUNG(SS)								
SS	HE103UJ1	1AA01108	1000	3.5"	YES	YES	YES	3.0Gb/s
Seagate(ST)								
ST	ST3160812SV*	3.ACP	160	3.5"	YES	YES	NO	3.0Gb/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	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	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	ST3500410AS	CC44	500	3.5"	YES	YES	NO	6.0Gb/s
ST	ST3500418AS	CC34	500	3.5"	YES	YES	NO	6.0Gb/s
ST	ST3500418AS	CC35	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
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ST	ST31500341AS*	CC1H	1500	3.5"	YES	YES	NO	3.0Gb/s
Western Digital								
WD	WD2500KS**	02.01C03	250	3.5"	YES	NO	NO	3.0Gb/s
WD	WD3200KS**	21.00M21	320	3.5"	YES	YES	NO	3.0Gb/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	WD10EACS	01.01B01	1000	3.5"	YES	YES	YES	3.0Gb/s
WD	WD1001FALS	0K05	1000	3.5"	YES	YES	YES	3.0Gb/s
WD	WD1002FBYS	0C05	1000	3.5"	YES	YES	YES	3.0Gb/s
WD	WD2002FYPS	04.05G04	2000	3.5"	YES	YES	YES	3.0Gb/s
WD	WD2003FYYS	01.01D01	2000	3.5"	YES	YES	YES	3.0Gb/s

*, **: disk does not support ATA6 power up in standby mode. RocketRAID BIOS staggered spin up feature cannot support with these drives.

SAS Drive List for RocketRAID 4000 Series

SAS Drive Information								
MFG	Models	FW Versions	Capacity(GB)	Form Factor	SMART support	NCQ support	Stagger Spinup	SAS Speed
FUJITSU LIMITED(FL)								
FL	MBA3073RC	0103	73	3.5"	YES	NO	NO	3.0Gb/s
FL	MBD2147RC	102	147	2.5"	YES	NO	NO	6.0Gb/s
FL	MBE2147RC	0103	147	2.5"	YES	NO	NO	6.0Gb/s
Hitachi(HH)								
HH	HUS153073VLS300	A410	73	3.5"	YES	NO	NO	3.0Gb/s
HH	HUS153014VLS300	A2E8	146	3.5"	YES	NO	NO	3.0Gb/s
HH	HUS154545VLS300	A4B0	450	3.5"	YES	NO	NO	3.0Gb/s
Seagate(ST)								
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	ST3300657SS	ES01	300	3.5"	YES	NO	NO	6.0Gb/s
ST	ST9500430SS	0001	500	2.5"	YES	NO	NO	6.0Gb/s

SSD Drive List for RocketRAID 4000 Series

SSD Driver Information					
MFG	Models	FW Versions	Capacity(GB)	Form Factor	SATA Speed
Intel	X25-E SSDSA2SH032G	8790	32	2.5"	3.0Gb/s
KingFast	KF2501-032S	/	32	2.5"	3.0Gb/s
MemoRight	MR25.2-032S	/	32	2.5"	1.5Gb/s