

P5E3 Pro Memory Qualified Vendors List (QVL)
P5E3 Pro DDR3 1600 Qualified Vendors List (QVL)

Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Dimm(Bios)	Voltage	HMM socket support (Optional)		
A-Data	AD31600X001GMU	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	7-7-7-20	1.75-1.85V	•	•	
A-Data	AD31600E002GU	DDR3 1600	2048MB	DS	N/A	Heat-Sink Package	7-7-7-20	1.75-1.85V			
A-Data	AD31600X002GMU	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20	1.75-1.85V	•	•	
Corsair	CM3X1G1600C9DHX	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-9-9-24	1.8V	•	•	
Corsair	CM3X2048-1600C9DHK	DDR3 1600	2048MB	DS	N/A	Heat-Sink Package			•		
Corsair	CM3X2G1600C9DHX	DDR3 1600	2048MB	DS	N/A	Heat-Sink Package			•	•	
Crucial	BL12864BA1608.8SFB(XMP)	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24	1.8V	•	•	
Crucial	BL12864BE2009.8SFB3(EPP)	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-28	2.0V	•	•	
Crucial	BL25664TB1608.K16SF(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-24		•	•	
Crucial	BL25664TG1608.K16SF(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-24		•	•	
Crucial	BL25664TR1608.K16SF(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-24		•	•	
G.SKILL	F3-12800CL9D-2GBNQ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-9-9-24	1.5V~1.6V	•	•	
G.SKILL	F3-12800CL8T-6GBHQ	DDR3 1600	2048MB	DS	N/A	Heat-Sink Package	8-8-8-21	1.6~1.65	•	•	
G.SKILL	F3-12800CL9T-6GBNQ	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24	1.5V~1.6V	•	•	
GEIL	GV34GB1600C8DC	DDR3 1600	2048MB	DS	N/A	Heat-Sink Package	8-8-8-28	1.6V			
kingmax	FLGD45F-B8KG9	DDR3 1600	1024MB	SS	kingmax	KFB8FNGXF-ANX-12A			•	•	
kingmax	FLGE85F-B8KG9	DDR3 1600	2048MB	DS	kingmax	KFB8FNGXF-ANX-12A			•	•	
Kingston	KHX12800D3LLK3/3GX(XMP)	DDR3 1600	3072MB(kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24	1.65V	•	•	
Kingston	KHX12800D3LK2/4G	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	9-9-9-27	1.5V	•	•	
Kingston	KHX12800D3LLK3/6GX(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-24	1.65V	•	•	
OCZ	OC23P1600EB4GK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-6-24	1.9V	•		
OCZ	OC23SOU16004GK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	8-8-8-24	1.9V	•	•	
OCZ	OC23X16004GK(EPP)	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-24	1.9V	•	•	
Kingtiger	KTG2G1600PG3	DDR3 1600	2048MB	DS	N/A	Heat-Sink Package			•	•	
Mushkin	996657	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20	1.95V	•	•	
Mushkin	998659	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24	1.5~1.6V	•	•	
Mushkin	998659	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24		•	•	
PQI	MFADR401PA0102	DDR3 1600	2048MB	DS	Samsung	SEC 825 HCFO K4B1G0846D			•	•	
SUPER-TALENT	WA160UX6G9	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9		•	•	

P5E3 Pro DDR3 1333 Qualified Vendors List (QVL)

Vendor	Part No.	Size	Size	SS/DS	Chip Brand	Chip No.	CL	Voltage	HMM socket support (Optional)		
CORSAIR	CM3X1024-1333C9DHX	DDR3 1333	1024MB	DS	N/A	Heat-Sink Package	9		•	•	
KINGMAX	FLFD45F-B8EE9	DDR3 1333	1024MB	SS	ELPIDA	J1108BASE-DJ-E	N/A		•	•	•
Kingston	KVR1333D3N8/1G	DDR3 1333	1024MB	DS	QIMONDA	IDSH51-03A1F1C-13G	N/A		•		
MICRON	MT8JTF12864AY-1G4BYES	DDR3 1333	1024MB	SS	MICRON	Z9HWR	9		•	•	•
MICRON	MT16JTF25664AY-1G4BYES	DDR3 1333	2048MB	DS	MICRON	Z9HWR	9		•	•	•
OCZ	OCZ3RFX1333EB2GK	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	6-5-5		•	•	•
Qimonda	IMSH1GU03A1F1C-13H	DDR3 1333	1024MB	SS	N/A	IDSH1G-03A1F1C-13H	N/A		•	•	
Qimonda	IMSH2GU13A1F1C-13H	DDR3 1333	2048MB	DS	N/A	IDSH1G-03A1F1C-13H	N/A		•	•	•
SAMSUNG	M378B2873DZ1-CH9	DDR3 1333	1024MB	SS	SAMSUNG	K4B1G0846D	9		•	•	•
SAMSUNG	M391B2873DZ1-CH9	DDR3 1333	1024MB	SS	SAMSUNG	K4B1G0846D(ECC)	9		•	•	•

P5E3 Pro DDR3 1067 Qualified Vendors List (QVL)

Vendor	Part No.	Size	Size	SS/DS	Chip Brand	Chip No.	CL	Voltage	HMM socket support (Optional)		
Qimonda	IMSH51U03A1F1C-10F	DDR3 1067	512MB	SS	QIMONDA	IDSH51-03A1F1C-10F	N/A		•	•	•
Qimonda	IMSH1GU13A1F1C-10F	DDR3 1067	1024MB	DS	QIMONDA	IDSH51-03A1F1C-10F	N/A		•	•	
ELPIDA	EBJ51UD8BAFA-AG-E	DDR3 1067	512MB	SS	ELPIDA	J5308BASE-AC-E	8		•	•	•
ELPIDA	EBJ11UD8BAFA-AG-E	DDR3 1067	1024MB	DS	ELPIDA	J5308BASE-AC-E	8		•	•	•
NANYA	NT512C64B88A0NY-BF	DDR3 1067	512MB	SS	NANYA	NT5CB64M8AN-BE	N/A		•	•	•
MICRON	MT8JTF12864AY-1G1BZES	DDR3 1067	1024MB	SS	MICRON	D9GTR	7		•	•	
SAMSUNG	M378B2873CZ0-CF8	DDR3 1067	1024MB	SS	SAMSUNG	K4B1G0846C-ZCF8	7-7-7		•	•	
SAMSUNG	M378B2873CZ0-CG8	DDR3 1067	1024MB	SS	SAMSUNG	K4B1G0846C-ZCG8	8		•	•	
SAMSUNG	M391B2873CZ0-CF8	DDR3 1067	1024MB	SS	SAMSUNG	K4B1G0846C-ZCF8	7		•	•	
Kingston	KVR1066D3N7/512	DDR3 1067	512MB	SS	QIMONDA	IDSH51-03A1F1C-10F	N/A		•	•	•
Kingston	KVR1066D3N7/512	DDR3 1067	512MB	SS	ELPIDA	J5308BASE-AC-E	7		•	•	•
CORSAIR	CM3X1024-1066C7	DDR3 1067	1024MB	DS	N/A	Heat-Sink Package	7		•	•	
Hynix	HYMT112U642NF8-G7	DDR3 1067	1024MB	SS	HYNIX	HY5TQ1G8312NFP-G7	7		•	•	

P5E3 Pro DDR3 800 Qualified Vendors List (QVL)

Vendor	Part No.	Size	Size	SS/DS	Chip Brand	Chip No.	CL	Voltage	HMM socket support (Optional)		
ELPIDA	EBJ51UD8BAFA-8C-E	DDR3 800	512MB	SS	ELPIDA	J5308BASE-AC-E	6		•	•	•
ELPIDA	EBJ11UD8BAFA-8C-E	DDR3 800	1024MB	DS	ELPIDA	J5308BASE-AC-E	6		•	•	
NANYA	NT512C64B88A0NY-25D	DDR3 800	512MB	SS	NANYA	NT5CB64M8AN-25D	N/A		•	•	•
NANYA	NT1GC64B88A0NY-25D	DDR3 800	1024MB	DS	NANYA	NT5CB64M8AN-25D	N/A		•	•	
Qimonda	IMSH1GU13A1F1C-08E	DDR3 800	1024MB	DS	QIMONDA	IDSH51-03A1F1C-08E	N/A		•	•	
Qimonda	IMSH51U03A1F1C-08D	DDR3 800	512MB	SS	Qimonda	IDSH51-03A1F1C-08D	N/A		•	•	•
Qimonda	IMSH51U03A1F1C-08E	DDR3 800	512MB	SS	Qimonda	IDSH51-03A1F1C-08E	N/A		•	•	•
Hynix	HYMT112U642NF8-S6	DDR3 800	1024MB	SS	Hynix	HY5TQ1G8312NFP-S6	N/A		•	•	

4 Dimm :

- **A***: Supports **one module** inserted in any slot as Single-channel memory configuration
- **B***: Supports **one pair of modules** inserted into either the orange slots or the black slots as one pair of **Dual-channel** memory configuration
- **C***: Supports **4 modules** inserted into both the orange and black slots as two pairs of Dual-channel memory configuration

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the orange slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.