

## CROSSHAIR III FORMULA Memory Qualified Vendors List (QVL)

## DDR3 1600 Qualified Vendors List (QVL)

Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing(Dimm)(Bios)	Voltage	DIMM socket support (Optional)	D*	E*	F*
									A* B* C*			
A-DATA	AD31600E001GMU	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24(1333-9-9-9-24)	1.65-1.85	● ● ●			
CORSAIR	BoxP/N:TW3X4G1600C9DHXNV/CM3X2G1600C9DHXNV/Ver4.1	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.80	● ● ●			
G.SKILL	F3-12800CL7D-2GBHZ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1601-7-7-7-18)	1.9	● ● ●			
G.SKILL	F3-12800CL9D-2GBNQ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.6	● ● ●			
G.SKILL	F3-12800CL7D-4GBPI	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-18(1333-9-9-9-24)	1.9	● ● ●			
G.SKILL	F3-12800CL9T-6GBNQ	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1601-9-9-9-24)	1.5-1.6	● ● ●			
KINGMAX	FLGD45F-B8KG9-NAES	DDR3 1600	1024MB	SS	KINGMAX	KFB8FNGXF-ANX-12A	9(1600-9-9-9-28)	1.5	● ● ●			
KINGMAX	FLGE85F-B8KG9-NEES	DDR3 1600	2048MB	DS	KINGMAX	KFB8FNGXF-ANX-12A	9(1600-9-9-9-28)	1.5	● ● ●			
KINGSTON	KHX12800D3K2/4G	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	9(1333-9-9-9-24)	1.9	● ● ●			
OCZ	OCZ3G1600LV3GK	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8(1066-7-7-7-20)	1.65	● ● ●			
OCZ	OCZ3P1600LV3GK	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	7-7-7(1066-7-7-7-20)	1.65	● ● ●			
OCZ	OCZ3P1600EB4GK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-6(1333-7-7-7-20)	1.8	● ● ●			
Super Talent	WA160U0X69	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9(1333-9-9-9-28)		●			
Cell Shock	CS322271	DDR3 1600	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-14(1066-7-7-7-20)	1.7-1.9	● ● ●			
Elitxir	M2F2G64C8BHA4N-DG	DDR3 1600	2048MB	DS	Elitxir	N2CB1G80AN-DG	9(1333-9-9-9-28)		● ●			
Mushkin	996657	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20		● ● ●			
Mushkin	998659	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.5-1.6	● ● ●			
Patriot	PVT33G1600ELK	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.65	● ● ●			
Patriot	PVS34G1600ELK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.8	● ● ●			
Patriot	PVS34G1600LLK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20(1066-7-7-7-20)	1.9	● ● ●			
Patriot	PVS34G1600LLKN	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20(1066-7-7-7-20)	2.0	● ● ●			
Patriot	PVT36G1600ELK	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.65	● ● ●			
Patriot	PVT36G1600ELK	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1600-7-7-7-20)	1.65	● ● ●			

## DDR3 1333 Qualified Vendors List (QVL)

Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing(Dimm)(Bios)	Voltage	DIMM socket support (Optional)	D*	E*	F*
									A* B* C*			
A-DATA	AD133301GOU	DDR3 1333	1024MB	SS	A-DATA	AD30908C8D-15IG	1333-9-9-9-24		● ● ●			
A-DATA	AD1333002GOU	DDR3 1333	2048MB	DS	A-DATA	AD30908C8D-15IG	1333-9-9-9-24		● ● ●			
A-DATA	AD13330E002GOU	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-7-7-20(1333-9-9-9-24)	1.65-1.85	● ● ●			
Apacer	78.01GC6.420	DDR3 1333	1024MB	SS	ELPIDA	J1108BAGB-DJ-E	(1333-9-9-9-24)		● ● ●			
Apacer	78.01GC6.9L0	DDR3 1333	1024MB	SS	Apacer	AMSD5808AEWSBG	9(1333-9-9-9-24)		● ● ●			
Apacer	78.01GC8.422	DDR3 1333	1024MB	SS	ELPIDA	J1108BAGB-DJ-E(ECC)	(1333-9-9-9-24)		● ● ●			
Apacer	78.A1GC6.421	DDR3 1333	2048MB	DS	ELPIDA	J1108BAGB-DJ-E	(1333-9-9-9-24)		● ● ●			
Apacer	78.A1GC6.9L1	DDR3 1333	2048MB	DS	Apacer	AMSD5808AEWSBG	9(1333-9-9-9-24)		● ● ●			
Apacer	78.A1GC8.423	DDR3 1333	2048MB	DS	ELPIDA	J1108BAGB-DJ-E(ECC)	(1333-9-9-9-24)		● ● ●			
CORSAIR	TR3X6G1333C9 (Ver2.1)	DDR3 1333	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.5	● ● ●			
CORSAIR	CM3X1024-1333C9DHX	DDR3 1333	1024MB	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.1	● ● ●			
CORSAIR	BoxP/N:TW3X4G1333C9DHX/CM3X2048-1333C9/Ver1.1	DDR3 1333	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.70	● ● ●			
CORSAIR	BoxP/N:TW3X4G1333C9DHX/CM3X2048-1333C9DHX/Ver3.2	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.70	● ● ●			
CORSAIR	TR3X6G1333C9 (Ver2.1)	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.5	● ● ●			
Crucial	CT12864BA1339.8SFD	DDR3 1333	1024MB	SS	MICRON	MT8JF12864AY-1G4D1	(1333-9-9-9-24)		● ● ●			
Crucial	CT25664BA1339.16SFD	DDR3 1333	2048MB	DS	MICRON	D9JNM	(1333-9-9-9-24)		● ● ●			
Crucial	BL25664BA1339.16SFB1	DDR3 1333	4096MB(Kit of 2)	DS	NA	Heat-Sink Package	6-6-6-20(1333-9-9-9-24)	1.8	● ● ●			
ELPIDA	EBJ10UE8BAW0-DJ-E	DDR3 1333	1024MB	SS	ELPIDA	J1108BAGB-DJ-E	9(1333-9-9-9-24)		● ● ●			
ELPIDA	EBJ21UE8BAW0-DJ-E	DDR3 1333	2048MB	DS	ELPIDA	J1108BAGB-DJ-E	9(1333-9-9-9-24)		● ● ●			
G.SKILL	F3-10600CL7D-2GBPI	DDR3 1333	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1337-7-7-7-18)	1.65	● ● ●			
G.SKILL	F3-10600CL8D-2GBHK	DDR3 1333	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1337-8-8-8-22)	1.65	● ● ●			
G.SKILL	F3-10666CL9T-6GBNQ	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.5	● ● ●			
GEIL	GV34GB1333C7DC	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-24(1333-8-8-8-28)	1.5	● ● ●			
Hynix	HMT112U6BFR8C-H9	DDR3 1333	1024MB	SS	Hynix	H5TQ1G83BFR	9(1333-9-9-9-24)		● ● ●			
Hynix	HMT125U6BFR8C-H9	DDR3 1333	2048MB	DS	Hynix	H5TQ1G83BFR	9(1333-9-9-9-24)		● ● ●			
Hynix	HMT125U6BFR8C-H9	DDR3 1333	2048MB	DS	Hynix	H5TQ1G83BFRH9C	9(1333-9-9-9-24)		● ● ●			
KINGMAX	FLFD45F-B8EE9	DDR3 1333	1024MB	SS	ELPIDA	J1108BASE-DJ-E	(1333-9-9-9-24)		● ● ●			
KINGSTON	KVR1333D3N9/1G	DDR3 1333	1024MB	SS	ELPIDA	J1108BAGB-DJ-E	1333-9-9-9-24	1.5	● ● ●			
KINGSTON	KVR1333D3N9/2G	DDR3 1333	2048MB	DS	ELPIDA	J1108BAGB-DJ-E	1333-9-9-9-24	1.5	● ● ●			
MICRON	MT8JTF12864AY-1G4BYES	DDR3 1333	1024MB	SS	MICRON	Z9HWR	(1333-9-9-9-24)		●			
MICRON	MT16JTF25664AY-1G4BYES	DDR3 1333	2048MB	DS	MICRON	Z9HWR	(1333-9-9-9-24)		● ● ●			
OCZ	OCZ3RPX1333EB2GK	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	(1066-6-5-5-20)		● ●			
OCZ	OCZ3G1333LV3GK	DDR3 1333	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9(1066-7-7-7-20)	1.65	● ● ●			
OCZ	OCZ3P1333LV3GK	DDR3 1333	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	7-7-7(1066-7-7-7-16)	1.65	● ● ●			
OCZ	OCZ3P13334GK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7(1333-7-7-7-20)	1.8	● ● ●			
OCZ	OCZ3RPX1333EB4GK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1066-6-5-5)	1.85	● ● ●			
OCZ	OCZ3G1333LV6GK	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9(1066-7-7-7-20)	1.65	● ● ●			
OCZ	OCZ3P1333LV6GK	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-7-7(1066-7-7-7-20)	1.65	● ● ●			
SAMSUNG	M378B2873DZ1-CH9	DDR3 1333	1024MB	SS	SAMSUNG	K4B1G0846D	9(1333-9-9-9-24)		● ● ●			
SAMSUNG	M391B2873DZ1-CH9	DDR3 1333	1024MB	SS	SAMSUNG	K4B1G0846D(ECC)	9(1333-9-9-9-24)		● ● ●			
SAMSUNG	M378B5673DZ1-CH9	DDR3 1333	2048MB	DS	SAMSUNG	K4B1G0846D	9(1333-9-9-9-24)		● ● ●			
SAMSUNG	M391B5673DZ1-CH9	DDR3 1333	2048MB	DS	SAMSUNG	K4B1G0846D(ECC)	9(1333-9-9-9-24)		● ● ●			
SAMSUNG	M378B5273BH1-CH9	DDR3 1333	4096MB	DS	SAMSUNG	K4B2G0846B-HCH9	9(1333-9-9-9-24)		● ● ●			
Transcend	TS128MLK64V3U	DDR3 1333	1024MB	SS	SAMSUNG	K4B1G0846D	9(1333-9-9-9-24)		● ● ●			
Transcend	TS256MLK64V3U	DDR3 1333	2048MB	DS	SAMSUNG	K4B1G0846D	9(1333-9-9-9-24)		● ● ●			
Asint	SLY3128MB-EDJ	DDR3 1333	1024MB	SS	Asint	DDRIII1208-DJ	(9-9-9-24)		● ● ●			
Asint	SLZ3128MB-EDJ	DDR3 1333	2048MB	DS	Asint	DDRIII1208-DJ	(9-9-9-24)		● ● ●			
ASUS	N/A	DDR3 1333	1024MB	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)		●			
BUFFALO	FSX1333D3G-1G	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	(1066-7-7-7-20)		● ● ●			
BUFFALO	FSX1333D3G-2G	DDR3 1333	2048MB	DS	N/A	Heat-Sink Package	(1066-7-7-7-20)		● ● ●			
Elitxir	M2F2G64C8BHA4N-CG	DDR3 1333	2048MB	DS	Elitxir	N2CB1G80AN-CG	(1333-9-9-9-24)		● ● ●			

Patriot	PDC32G1333LJK	DDR3 1333	1024MB	SS	PATRIOT	Heat-Sink Package	7(1337-7-7-7-20)	1.7	●	●	●			
Patriot	PVT33G1333ELK	DDR3 1333	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.65	●	●	●			
Patriot	PVS34G1333ELK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.5	●	●	●			
Patriot	PVS34G1333LLK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20(1066-7-7-7-20)	1.7	●	●				
Patriot	PVT36G1333ELK	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.65	●		●			
Silicon Power	SP001GBTU133S02	DDR3 1333	1024MB	SS	S-POWER	I0Y3E0	9(1333-9-9-9-24)		●	●	●			
Silicon Power	SP002GBLTU133S02	DDR3 1333	2048MB	DS	S-POWER	I0Y3E0	9(1333-9-9-9-24)		●	●	●			

**DDR3 1067 Qualified Vendors List (QVL)**

Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	TimingDimm(Bios)	Voltage	DIMM socket support (Optional)			D*	E*	F*
									A*	B*	C*			
CORSAIR	CM3X1024-1066C7	DDR3 1067	1024MB	DS	N/A	Heat-Sink Package	7	1.1	●	●	●			
Crucial	CT12864BA1067.8SFD	DDR3 1067	1024MB	SS	MICRON	D9JNL	7		●	●	●			
Crucial	CT25664BA1067.16SFD	DDR3 1067	2048MB	DS	MICRON	D9JNL	7		●	●	●			
ELPIDA	EBJ10UE8BAW0-AE-E	DDR3 1067	1024MB	SS	ELPIDA	J1108BAG-DJ-E	7(1066-7-7-7-20)		●	●	●			
ELPIDA	EBJ21UE8BAW0-AE-E	DDR3 1067	2048MB	DS	ELPIDA	J1108BAG-DJ-E	7(1066-7-7-7-20)		●	●	●			
Hynix	HMT112U64FP8C-G7N0	DDR3 1067	1024MB	SS	HYNIX	H5TQ1G83AFPG7C	7		●	●	●			
Hynix	HYMT112U64ZNF8-G7	DDR3 1067	1024MB	SS	HYNIX	HY5TQ1G831ZNFP-G7	7		●	●				
Hynix	HMT125U64FP8C-G7N0	DDR3 1067	2048MB	DS	HYNIX	H5TQ1G83AFPG7C	7		●	●	●			
Hynix	HYMT125U64ZNF8-G7	DDR3 1067	2048MB	DS	HYNIX	HY5TQ1G831ZNFP-G7	7		●	●	●			
KINGSTON	KVR1066D3N7/1G	DDR3 1067	1024MB	SS	ELPIDA	J1108BAG-DJ-E	1066-7-7-7-20	1.5	●	●	●			
KINGSTON	KVR1066D3N7/2G	DDR3 1067	2048MB	DS	ELPIDA	J1108BAG-DJ-E	1066-7-7-7-20	1.5	●	●	●			
KINGSTON	KVR1066D3N7/4G	DDR3 1067	4096MB	DS	SAMSUNG	K4B2G0846B-HCF8	1066-7-7-7-20	1.5	●	●	●			
MICRON	MT8JTF12864AY-1G1D1	DDR3 1067	1024MB	SS	MICRON	7VD22	7		●	●	●			
MICRON	MT16JTF25664AY-1G1D1	DDR3 1067	2048MB	DS	MICRON	7VD22	7		●	●	●			
SAMSUNG	M378B5273BH1-CF8	DDR3 1067	4096MB	DS	SAMSUNG	K4B2G0846B-HCF8	8(7-7-7-20)	1.5	●	●	●			
Transcend	TS256MLK64V1U	DDR3 1067	2048MB	DS	ELPIDA	J1108BAG-AE-E	7(1066-7-7-7-20)		●	●	●			
Asint	SLY3128M8-EAE	DDR3 1067	1024MB	SS	Asint	DDRIII1208-AE	(7-7-7-20)		●	●	●			
Asint	SLZ3128M8-EAE	DDR3 1067	2048MB	DS	Asint	DDRIII1208-AE	(7-7-7-20)		●	●	●			
Elixir	M2F2G64C8BH4N4-BE	DDR3 1067	2048MB	DS	Elixir	N2CB1G80AN-BE	7		●	●	●			
WINTEC	3DU3191A-10	DDR3 1067	1024MB	DS	Qimonda	IDSH51-03A1F1C-10F	7		●	●	●			

- 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 blue slots or the black slots as one pair of **Dual-channel** memory configuration  
 • **C\***: Supports **4 modules** inserted into both the blue 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 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.

Notes請按此圖