

Qualified Vendors List (QVL) Standard table for user manual

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)			
									A*	B*	C*	D*
A-DATA	SC631B16	DDR3 1333	2048MB	DS	SAMSUNG	K4B1G0846D	(1333-9-9-9-24)		●	●	●	●
A-DATA	AD31333CE002G0U	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	CL7-7-7-20(1333-9-9-9-24)	1.65-1.85	●	●	●	●
Apacer	78.01GC6.420	DDR3 1333	1024MB	SS	ELPIDA	J1108BABG-DJ-E	(1333-9-9-9-24)		●	●	●	●
Apacer	78.01GC8.422	DDR3 1333	1024MB	SS	ELPIDA	J1108BABG-DJ-E(ECC)	(1333-9-9-9-24)		●	●	●	●
Apacer	78.A1GC6.421	DDR3 1333	2048MB	DS	ELPIDA	J1108BABG-DJ-E	(1333-9-9-9-24)		●	●	●	●
Apacer	78.A1GC8.423	DDR3 1333	2048MB	DS	ELPIDA	J1108BABG-DJ-E(ECC)	(1333-9-9-9-24)		●	●	●	●
CORSAIR	CM3X1G1333C9D6	DDR3 1333	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1337-9-9-9-24)	1.5	●			
CORSAIR	TR3X3G1333C9	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:TWIN3X2048-1333C9(CM43X1024-1333C9)	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)	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.70	●	●		
CORSAIR	CM3X2G1333C9D6	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1337-9-9-9-24)	1.5	●			
CORSAIR	TR3X6G1333C9	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.5	●	●	●	●
Crucial	CT12864BA1339.8SFB	DDR3 1333	1024MB	SS	MICRON	D9GTS	(1333-9-9-9-24)		●	●	●	●
Crucial	CT12864BA1339.8SFD	DDR3 1333	1024MB	SS	MICRON	MT8JF12864Y-1G4D1	(1333-9-9-9-24)		●	●	●	●
Crucial	CT25664BA1339.16SFD	DDR3 1333	2048MB	DS	MICRON	D9JNM	(1333-9-9-9-24)		●	●	●	
ELPIDA	EBJ10UE8BAW0-DJ-E	DDR3 1333	1024MB	SS	ELPIDA	J1108BABG-DJ-E	CL9(1333-9-9-9-24)		●	●	●	●
ELPIDA	EBJ11UD8BAFA-DG-E	DDR3 1333	1024MB	DS	ELPIDA	J5308BASE-DG-E	(1333-8-8-8-24)		●	●	●	
ELPIDA	EBJ11UD8BAFA-DJ-E	DDR3 1333	1024MB	DS	ELPIDA	J5308BASE-DJ-E	(1333-9-9-9-24)		●	●		
ELPIDA	EBJ21UE8BAW0-DJ-E	DDR3 1333	2048MB	DS	ELPIDA	J1108BABG-DJ-E	CL9(1333-9-9-9-24)		●	●	●	●
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	F3-10600CL9D-2GBPK	DDR3 1333	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.65	●	●	●	●
G.SKILL	F3-10600CL9D-2GBNQ	DDR3 1333	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.5-1.65	●	●	●	●
G.SKILL	F3-10666CL9D-4GBPK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	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	●	●	●	●
KINGMAX	FLFD45F-B8EE9	DDR3 1333	1024MB	SS	ELPIDA	J1108BASE-DJ-E	(1333-9-9-9-24)		●	●	●	●
KINGSTON	KVR1333D3N9/1G	DDR3 1333	1024MB	SS	ELPIDA	J1108BASE-DJ-E	(1333-9-9-9-24)	1.5	●	●	●	●
KINGSTON	KVR1333D3N9/2G	DDR3 1333	2048MB	DS	ELPIDA	J1108BASE-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	OC23RPX1333EB2GK	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	(1066-6-5-5-20)		●	●	●	
OCZ	OC23X1333GK	DDR3 1333	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	7-7-7(1066-6-6-6-16)	1.6	●	●		
OCZ	OC23P1332GK	DDR3 1333	1024MB	DS	N/A	Heat-Sink Package	7-7-7-20(1333-9-9-9-24)		●			
OCZ	OC23P1333GK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7(1333-7-7-7-20)	1.8	●	●	●	●
Qimonda	IMS1H1GU03A1F1C-13H	DDR3 1333	1024MB	SS	Qimonda	IDSH1G-03A1F1C-13H	9(1333-9-9-9-24)		●	●	●	●
Qimonda	IMS1H2GU13A1F1C-13H	DDR3 1333	2048MB	DS	Qimonda	IDSH1G-03A1F1C-13H	9(1333-9-9-9-24)		●	●	●	●
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)		●	●	●	●
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)		●	●	●	
Aeneon	AEH760UD00-13H	DDR3 1333	1024MB	DS	AENEON	AEH93R13H	(1333-9-9-9-24)		●	●	●	
Asint	SLY3128M8-EDJ	DDR3 1333	1024MB	SS	Asint	DDRIII1208-DJ	(9-9-9-24)				●	●
Asint	SLZ3128M8-EDJ	DDR3 1333	2048MB	DS	Asint	DDRIII1208-DJ	(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)		●	●	●	●
Ellixir	M2F2G64CB8H4A4N-CG	DDR3 1333	2048MB	DS	Ellixir	N2CB1G80AN-CG	(1333-9-9-9-24)		●	●	●	●
Patriot	POC231333LLK	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	CL9-9-9-24(1066-7-7-7-20)	1.65	●	●	●	●
Patriot	PVT36G1333ELK	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	CL9-9-9-24(1066-7-7-7-20)	1.65	●	●	●	●
PQI	MFACR322LA0105	DDR3 1333	1024MB	DS	PQI	PQC3648S15R	(1333-9-9-9-24)		●	●	●	●

Note :

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

Yellow DDR3 1600MHz or above Orange DDR3 1600MHz Black
- 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 Yellow slots for better overlocking 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 overlocking may operate at a lower frequency than the vendor-marked value.
- DDR3 1600MHz or above DIMMs work only on the Orange slots for one DIMM per channel. Ensure to install the DDR3 1600MHz DIMMs ONLY on the Black slots!

Qualified Vendors List (QVL) Standard table for user manual

RAMPAGE II EXTREME 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)			
									A*	B*	C*	D*
A-DATA	AD31600E001GMU(XMP)	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	●	●	●	●
A-DATA	AD31600E001GMU(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-7-7-20(1333-9-9-9-24)	1.75-1.85	●	●	●	●
CORSAIR	BoxP/N:TWIN3X2048-1600C7DHXIN(CM3X1024-1600C7DHXIN)(XMP)	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	7-7-7-20(1333-9-9-9-24)	1.80	●		●	●
CORSAIR	TR3X3G1600C8D(XMP)	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24(1601-8-8-8-24)	1.65	●	●	●	
CORSAIR	BoxP/N:TW3X4G1600C9DHXNV(CM3X2G1600C9DHXNV)	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.80	●	●	●	●
CORSAIR	BoxP/N:TWIN3X4096-1600C7DHXIN(CM3X2048-1600C7DHXIN)	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1601-7-7-7-20)	1.90	●	●	●	
CORSAIR	TR3X6G1600C8D(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-24(1601-8-8-8-24)	1.65	●	●	●	●
CORSAIR	TR3X6G1600C9(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.65	●	●	●	
Crucial	BL12864BA1608.8SFB(XMP)	DDR3 1600	1024MB	SS	N/A	Heat-Sink Package	(1601-8-8-8-24)	1.8	●	●	●	●
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	F3-12800CL8T-6GBHK(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-21(1333-8-8-8-21)	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(1601-9-9-9-24)	1.5-1.6	●	●		
KINGSTON	KHX12800D3LK3/3GX(XMP)	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.65	●	●		
OCZ	OC23P1600EB1G	DDR3 1600	1024MB	SS	N/A	Heat-Sink Package	7-6-6-24(1333-7-7-7-20)		●			
OCZ	OC23P1600ZGK	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	7(1333-7-7-7-20)		●			
OCZ	OC23T1600XM2GK(XMP)	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1601-8-8-8-28)		●		●	
OCZ	OC23P1600EB4GK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-6(1333-7-7-7-20)	1.8	●	●	●	●
OCZ	OC23X16004GK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20	1.9	●	●	●	
Aeneon	AXH760UD10-16H	DDR3 1600	1024MB	SS	N/A	Heat-Sink Package	(1601-9-9-9-28)		●	●	●	●
Aeneon	AXH860UD20-16H	DDR3 1600	2048MB	DS	N/A	Heat-Sink Package	(1601-9-9-9-28)		●	●	●	●
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	●	●	●	●
Ellixir	M2F2G64CB8H4A4N-DG	DDR3 1600	2048MB	DS	Ellixir	N2CB1680AN-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		●	●	●	●
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	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	●	●	●	●
PQI	MFADR401PA0102	DDR3 1600	2048MB	DS	SAMSUNG	K4B1G08460	9-9-9-24(1333-9-9-9-24)		●	●	●	
Team	BoxP/N:TXD32048M1600HC7-DC(TXD31024M1600HC7)	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	7-7-7-21(1333-8-8-8-24)	1.75-1.85	●	●	●	●

6 Dimm :

A* : Supports two (2) modules inserted into slot A1 and B1 as one pair of Dual-channel memory configuration

B* : Supports three (3) modules inserted into the orange slots (A1, B1 and C1) as one set of Triple-channel memory configuration

C* : Supports four (4) modules inserted into the orange slots (A1, B1 and C1) and the black slot A2 as one set of Triple-channel memory configuration

D* : Supports six (6) modules inserted into both the orange slots and the black slots as two set of Triple-channel memory configuration.

Orange DDR3 1600MHz or above Orange DDR3 1600MHz Orange
- 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 overlocking 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 overlocking may operate at a lower frequency than the vendor-marked value.
- DDR3 1600MHz or above DIMMs work only on the Orange slots for one DIMM per channel. Ensure to install the DDR3 1600MHz DIMMs ONLY on the Orange slots!

Qualified Vendors List (QVL) Standard table for user manual

DDR3 1866 Qualified Vendors List (QVL)

Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Dimm(Bios)	Voltage	DIMM socket support (Optional)
--------	----------	------	------	-------	------------	----------	----------------------	---------	--------------------------------