

Qualified Vendors List (QVL) Standard table for user manual

PoT DDR3 1067 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*
CORSAIR	CM3X1024-1066C7	DDR3 1067	1024MB	DS	N/A	Heat-Sink Package	7	1.1	•	•
Crucial	CT12864BA1067.8SF	DDR3 1067	1024MB	SS	MICRON	Z9HWR	7	•	•	•
Crucial	CT12864BA1067.8SF	DDR3 1067	1024MB	SS	MICRON	D9JNL	7	•	•	•
Crucial	CT25664BA1067.16SF	DDR3 1067	2048MB	DS	MICRON	D9JNL	7	•	•	•
ELPIDA	EBJ1U0E8BAWV-AE-E	DDR3 1067	1024MB	SS	ELPIDA	J1108ABD-DJ-E	CL7(1066-7-7-20)	•	•	•
ELPIDA	EBJ11RD8BAFA-AE-E	DDR3 1067	1024MB	DS	ELPIDA	J5308BASE-AC-E(ECC)	7	•	•	•
ELPIDA	EBJ1U0D8BAFA-KG-E	DDR3 1067	1024MB	DS	ELPIDA	J5308BASE-AC-E	8	•	•	•
ELPIDA	EBJ2U0E8BAWV-AE-E	DDR3 1067	2048MB	DS	ELPIDA	J1108ABD-DJ-E	CL7(1066-7-7-20)	•	•	•
G.SKILL	F3-1500CL6D-2GBH	DDR3 1067	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	6-6-6-15	1.65	•	•
Hyundai	HMT12U6AFP8C-G7N0	DDR3 1067	1024MB	SS	HYUNIX	H5TQ1GB3A4FPG7C	7	•	•	•
Hyundai	HYMT12U64ZB4NF-G7	DDR3 1067	1024MB	SS	HYNDI	H5TQ1GB31ZNPF-G7	7	•	•	•
Hyundai	HMT12U6AFP8C-G7N0	DDR3 1067	2048MB	DS	HYUNIX	H5TQ1GB3A4FPG7C	7	•	•	•
Hyundai	HYMT12U564ZB4NF-G7	DDR3 1067	2048MB	DS	HYUNIX	H5TQ1GB31ZNPF-G7	7	•	•	•
KINGSTON	KVR1066D3N7/1G	DDR3 1067	1024MB	DS	ELPIDA	J5308BASE-AC-E	1.5	•	•	•
KINGSTON	KVR1066D3N7/2G	DDR3 1067	2048MB	DS	SAMSUNG	K4B1G0846C-ZCF8	1.5	•	•	•
MICRON	MT8JTF12864AY-Y1G1D1	DDR3 1067	1024MB	SS	MICRON	7VD22	7	•	•	•
MICRON	MT16JTF25664AY-Y1G1D1	DDR3 1067	2048MB	DS	MICRON	7VD22	7	•	•	•
Qimonda	IMSH1GU03A1F1C-10F	DDR3 1067	1024MB	SS	Qimonda	IDSH10-03A1F1C-10F	7	•	•	•
Qimonda	IMSH1GU03A1F1C-10G	DDR3 1067	1024MB	SS	Qimonda	IDSH10-03A1F1C-10G	8	•	•	•
Qimonda	IMSH1GU13A1F1C-10F	DDR3 1067	1024MB	DS	Qimonda	IDSH10-03A1F1C-10F	•	•	•	•
Qimonda	IMSH2GU13A1F1C-10F	DDR3 1067	2048MB	DS	Qimonda	IDSH10-03A1F1C-10F	7	•	•	•
Transcend	TS256MLK64V1U	DDR3 1067	2048MB	DS	ELPIDA	J1108BABG-AE-E	CL7(1066-7-7-20)	•	•	•
Aeneon	AEH760UD00-10F9BX	DDR3 1067	1024MB	DS	AENEON	AEH93R10F	7	•	•	•
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	M2F264C8B8HAN4-BE	DDR3 1067	2048MB	DS	Elixir	N2CB1G80AN-BE	7	•	•	•
WINTEC	3DU3191A1-10	DDR3 1067	1024MB	DS	Qimonda	IDSH10-03A1F1C-10F	7	•	•	•

Note :

Side(s): SS - Single-sided DS - Double-sided

• 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.

- Due to Intel CPU spec definition, the system will not boot if only one DIMM is installed in DIMM slot A2, B2, or C2. Follow the table above for recommended memory configuration.

- Due to Intel spec definition, X.M.P. DIMMs and DDR3-1600 are supported for one DIMM per channel only.

- According to Intel spec definition, DDR3-1600 is supported for one DIMM per channel only. ASUS exclusively provides two DDR3-1600 DIMM support for each memory channel.

- According to Intel CPU spec, DIMMs with voltage requirement over 1.65V may damage the CPU permanently. We recommend you install the DIMMs with the voltage requirement below 1.65V.

- Due to the memory address limitation on 32-bit Windows OS, when you install 4GB or more memory on the motherboard, the actual usable memory for the OS can be about 3GB or less. For effective use of memory, we recommend that you install a 64-bit Windows OS when having 4GB or more memory installed on the motherboard.

- The default memory operation frequency is dependent on its SPD. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

- For system stability, use a more efficient memory cooling system to support a full memory load (6 DIMMs) or overclocking condition.

Qualified Vendors List (QVL) Standard table for user manual

PoT 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)	1.65-1.85	•	•
Apacer	78.01GC8.420	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.A1GC8.421	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	CM3X1024-1330C9DHX	DDR3 1333	1024MB	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.1	•	•
CORSAIR	BoxPN-TW3N2X24B-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	BoxPN-TW3X4G1333C9DHX(CM3X2G1600C9DHXN)	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.70	•	•
CORSAIR	TR3X2G1333C9D6	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1337-9-9-9-24)	1.5	•	•
Crucial	CT12864BA1339.8SF	DDR3 1333	1024MB	SS	MICRON	D9GTS	(1333-9-9-9-24)	•	•	•
Crucial	CT12864BA1339.8SF	DDR3 1333	1024MB	SS	MICRON	MT8JF12864AY-1G4D1	(1333-9-9-9-24)	•	•	•
Crucial	CT25664BA1339.16SF	DDR3 1333	2048MB	DS	MICRON	D9JNM	(1333-9-9-9-24)	•	•	•
ELPIDA	EBJ1U0E8BAWV0-DJE	DDR3 1333	1024MB	SS	ELPIDA	J1108BABG-DJ-E	CL9(1333-9-9-9-24)	•	•	•
ELPIDA	EBJ2U0E8BAWV0-DJE	DDR3 1333	2048MB	DS	ELPIDA	J1108BABG-DJ-E	CL9(1333-9-9-9-24)	•	•	•
G.SKILL	F3-10600CL8D-2GBH	DDR3 1333	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1337-8-8-22)	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	F3-10666CL9T-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	KT12864BA1339.8SF	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	(1066-6-6-5-20)	•	•	•
Kingmax	KT12864BA1339.8SF	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	(1066-6-6-6-16)	1.6	•	•
Kingmax	KT12864BA1339.16SF									