

### DDR3 1067 Qualified Vendors List (QVL)

Vendor	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
Crucial	CT12864BA1067.8FF	1024MB	SS	Micron	9GF22D9KPT	7	-	•	•	•
Crucial	CT12872BA1067.9FF	1024MB	SS	Micron	9HF22D9KPT(ECC)	7	-	•	•	•
Crucial	CT25664BA1067.16FF	2048MB	DS	Micron	9HF22D9KPT	7	-	•	•	•
Crucial	CT25672BA1067.18FF	2048MB	DS	Micron	9GF22D9KPT(ECC)	7	-	•	•	•
ELPIDA	EBJ10UE8EDF0-AE-F	1024MB	SS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	•	•	•
ELPIDA	EBJ51UD8BAFA-AC-E	512MB	SS	Elpida	J5308BASE-AC-E	-	-	•	•	•
ELPIDA	EBJ51UD8BAFA-AE-E	512MB	SS	Elpida	J5308BASE-AC-E	-	-	•	•	•
ELPIDA	EBJ11UD8BAFA-AE-E	1024MB	DS	Elpida	J5308BASE-AC-E	-	-			
ELPIDA	EBJ21UE8EDF0-AE-F	2048MB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	•	•	•
KINGSTON	KVR1066D3N7/1G	1024MB	SS	Kingston	D1288JEKAPGA7U	7	1.5V	•	•	•
KINGSTON	KVR1066D3N7/2G	2048MB	DS	Kingston	D1288JEKAPGA7U	7	1.5V	•	•	•
Micron	MT8JTF12864AZ-1G1F1	1024MB	SS	Micron	9GF22D9KPT	7	-	•	•	•
Micron	MT9JSF12872AZ-1G1F1	1024MB	SS	Micron	9HF22D9KPT(ECC)	7	-	•	•	•
Micron	MT16JTF25664AZ-1G1F1	2048MB	DS	Micron	9HF22D9KPT	7	-	•	•	•
Micron	MT18JSF25672AZ-1G1F1	2048MB	DS	Micron	9GF22D9KPT(ECC)	7	-	•	•	•
SAMSUNG	M378B2873EH1-CF8	1024MB	SS	Samsung	SEC 901 HCF8 K4B1G0846E	-	-	•	•	•
SAMSUNG	M378B5273BH1-CF8	4096MB	DS	SAMSUNG	846 K4B2G0846B-HCF8	-	-	•	•	•
Elixir	M2Y2G64CBHA9N-BE	2048MB	DS	-	-	7-7-7-20	-	•		•
Kingtiger	2GB DIMM PC3-8500	2048MB	DS	Hynix	H5TQ1G83AFP G7C	-	-	•	•	•
KINGSTON	KVR1066D3E7/1G	1GB	SS	ELPIDA	J1108BDBG-DJ-F(ECC)	7	1.5V	•	•	•
KINGSTON	KVR1066D3N7/1G	1GB	SS	KTC	D1288JPNDPLD9U	7	1.5V	•	•	•
KINGSTON	KVR1066D3N7/2G	2GB	DS	ELPIDA	J1108BDSE-DJ-F	7	1.5V	•	•	•

#### 4 DIMM Slots

- **1 DIMM:** Supports [one module](#) inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports [one pair of modules](#) inserted into either the blue slots or the black slots as one pair of [Dual-channel](#) memory configuration
- **4 DIMM:** Supports [4 modules](#) inserted into both the blue and black slots as two pairs of Dual-channel memory configuration

### DDR3 1333 Qualified Vendors List (QVL)

Vendor	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
A-Data	AD31333001GOU	1024MB	SS	A-Data	AD30908C8D-151C E0906	-	-		•	•

<b>A-Data</b>	AD31333G001GOU	3072MB (Kit of 3)	SS	-	-	8-8-8-24	1.65-1.85V			
<b>A-Data</b>	AD31333002GOU	2048MB	DS	A-Data	AD30908C8D-151C E0903	-	-	•	•	•
<b>A-Data</b>	AD31333G002GMU	2048MB	DS	-	-	8-8-8-24	1.65-1.85V	•	•	•
<b>CORSAIR</b>	CM3X1024-1333C9DHX	1024MB	SS	-	-	9-9-9-24	1.60V	•	•	•
<b>CORSAIR</b>	CM3X1024-1333C9	1024MB	SS	-	-	-	-	•	•	•
<b>CORSAIR</b>	TR3X3G1333C9 G	3072MB (Kit of 3)	SS	-	-	9-9-9-24	1.50V	•	•	•
<b>CORSAIR</b>	TR3X3G1333C9 G	3072MB (Kit of 3)	SS	-	-	9-9-9-24	1.50V	•	•	•
<b>CORSAIR</b>	TR3X3G1333C9	3072MB (Kit of 3)	SS	-	-	9	1.5V	•	•	•
<b>CORSAIR</b>	CM3X1024-1333C9DHX	1024MB	DS	Corsair	-	-	-	•	•	•
<b>CORSAIR</b>	CM3X2048-1333C9DHX	2048MB	DS	-	-	-	-	•	•	•
<b>CORSAIR</b>	TW3X4G1333C9 G	4096MB (Kit of 2)	DS	-	-	9-9-9-24	1.50V	•	•	•
<b>Crucial</b>	CT12864BA1339.8FF	1024MB	SS	Micron	9FF22D9KPT	9	-	•	•	•
<b>Crucial</b>	CT12872BA1339.9FF	1024MB	SS	Micron	91F22D9KPT(ECC)	9	-	•	•	•
<b>Crucial</b>	BL12864TA1336.8SFB1	2048MB (Kit of 2)	SS	-	-	6-6-6-20	1.8V	•	•	•
<b>Crucial</b>	CT25664BA1339.16FF	2048MB	DS	Micron	9KF27D9KPT	9	-	•	•	•
<b>Crucial</b>	CT25672BA1339.18FF	2048MB	DS	Micron	91F22D9KPT(ECC)	9	-	•	•	•
<b>Crucial</b>	BL25664ABA1336.16SFB1	4096MB (Kit of 2)	DS	-	-	6-6-6-20	1.8V	•	•	•
<b>Crucial</b>	BL25664BA1336.16SFB1	4096MB (Kit of 2)	DS	-	-	6-6-6-20	1.8V			
<b>Crucial</b>	BL25664BN1337.16FF (XMP)	6144MB (Kit of 3)	DS	-	-	7-7-7-24	1.65V	•	•	•
<b>ELPIDA</b>	EBJ10UE8EDF0-DJ-F	1024MB	SS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	•	•	•
<b>ELPIDA</b>	EBJ21UE8EDF0-DJ-F	2048MB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	•	•	•
<b>G.SKILL</b>	F3-10600CL8D-2GBHK	1024MB	SS	G.SKILL	-	-	-	•	•	•
<b>G.SKILL</b>	F3-10600CL9D-2GBPK	1024MB	SS	G.SKILL	-	-	-	•	•	•
<b>G.SKILL</b>	F3-10666CL7T-3GBPK	3072MB (Kit of 3)	SS	-	-	7-7-7-18	1.5~1.6V	•	•	•
<b>G.SKILL</b>	F3-10666CL9T-3GBNQ	3072MB (Kit of 3)	SS	-	-	9-9-9-24	1.5~1.6V	•	•	•
<b>G.SKILL</b>	F3-10600CL7D-	1024MB	DS	G.SKILL	-	-	-	•	•	•
<b>G.SKILL</b>	F3-10600CL9D-2GBNQ	1024MB	DS	G.SKILL	-	-	-	•	•	•

<b>G.SKILL</b>	F3-10666CL8D-4GBHK(XMP)	4096MB (Kit of 2)	DS	-	-	8-8-8-21	1.5-1.6V			
<b>G.SKILL</b>	F3-10666CL7T-6GBPK(XMP)	6144MB (Kit of 3)	DS	-	-	7-7-7-18	1.5~1.6V	•	•	•
<b>G.SKILL</b>	F3-10666CL9T-6GBNQ	6144MB (Kit of 3)	DS	-	-	9-9-9-24	1.5V~1.6V	•	•	•
<b>GEIL</b>	DDR3-1333 CL9-9-9-24	1024MB	SS	-	-	9	-	•	•	•
<b>GEIL</b>	GV34GB1333C7DC	2048MB	DS	-	-	7-7-7-24	1.5V			
<b>GEIL</b>	GG34GB1333C9DC	4096MB (Kit of 2)	DS	GEIL	GL1L128M88BA12N	9-9-9-24	1.3V(low voltage)	•	•	•
<b>GEIL</b>	DDR3-1333 CL9-9-9-24	6144MB (Kit of 3)	DS	-	-	9	1.5V	•	•	•
<b>Kingmax</b>	FLFD45F-B8MF9	1024MB	SS	Micron	8HD22D9JNM	-	-			
<b>Kingmax</b>	FLFD45F-B8MH9 MAES	1024MB	SS	Micron	9CF22D9KPT	-	-	•	•	•
<b>Kingmax</b>	FLFE85F-B8MF9	2048MB	DS	Micron	8HD22D9JNM	-	-	•		
<b>Kingmax</b>	FLFE85F-B8MH9 MEES	2048MB	DS	Micron	9GF27D9KPT	-	-	•	•	•
<b>KINGSTON</b>	KVR1333D3N9/2G	2048MB	DS	Qimonda	IDSH1G-03A1F1C-13H	-	1.5V	•	•	•
<b>Micron</b>	MT8JTF12864AZ-1G4F1	1024MB	SS	Micron	9FF22D9KPT	9	-	•	•	•
<b>Micron</b>	MT9JSF 12872AZ-1G4F1	1024MB	SS	Micron	91F22D9KPT(ECC)	9	-	•	•	•
<b>Micron</b>	MT12JSF25672AZ-1G4F1	2048MB	DS	Micron	91F22D9KPT(ECC)	9	-	•	•	•
<b>Micron</b>	MT18JTF25664AZ-1G4F1	2048MB	DS	Micron	9KF27D9KPT	9	-	•	•	•
<b>OCZ</b>	OCZ3P13332GK	2048MB (Kit of 2)	SS	-	-	7-7-7-20	1.8V			
<b>OCZ</b>	OCZ3X1333LV3GK(XMP)	3072MB (Kit of 3)	SS	-	-	-	1.6V		•	•
<b>OCZ</b>	OCZ3G13334GK	4096MB (Kit of 2)	DS	-	-	-	1.7V	•	•	
<b>OCZ</b>	OCZ3G1333LV4GK	4096MB (Kit of 2)	DS	-	-	9-9-9-20	1.65V(low voltage)			
<b>OCZ</b>	OCZ3P13334GK	4096MB (Kit of 2)	DS	-	-	7-7-7-20	1.8V			
<b>OCZ</b>	OCZ3P1333LV4GK	4096MB (Kit of 2)	DS	-	-	7-7-7-20	1.65V(low voltage)	•	•	•
<b>OCZ</b>	OCZ3P1333LV4GK	4096MB (Kit of 2)	DS	-	-	7-7-7-20	1.65V			•
<b>OCZ</b>	OCZ3RPX1333EB4GK	4096MB (Kit of 2)	DS	-	-	6-5-5-20	1.85V	•	•	•

<b>OCZ</b>	OCZ3X13334GK(XMP)	4096MB (Kit of 2)	DS	-	-	7-7-7-20	1.75V	•	•	•
<b>OCZ</b>	OCZ3G1333LV6GK	6144MB (Kit of 3)	DS	-	-	9-9-9-20	1.65V	•	•	•
<b>OCZ</b>	OCZ3P1333LV6GK	6144MB (Kit of 3)	DS	-	-	7-7-7-20	1.65V	•	•	•
<b>OCZ</b>	OCZ3X1333LV6GK(XMP)	6144MB (Kit of 3)	DS	-	-	8-8-8-20	1.60V	•	•	•
<b>PSC</b>	AL7F8G73D-DG1	1024MB	SS	PSC	A3P1GF3DGF928M9B05	-	-	•	•	•
<b>PSC</b>	AL8F8G73D-DG1	2048MB	DS	PSC	A3P1GF3DGF928M9B05	-	-	•	•	•
<b>SAMSUNG</b>	M378B2873DZ1-CH9	1024MB	SS	Samsung	K4B1G0846D-HCH9	-	-	•	•	
<b>SAMSUNG</b>	M378B2873DZ1-CH9	1024MB	SS	SAMSUNG	SEC 846 HCH9 K4B1G08460	-	-	•		
<b>SAMSUNG</b>	M378B2873EH1-CH9	1024MB	SS	Samsung	SEC 913 HCH9 K4B1G0846E	-	-	•	•	•
<b>SAMSUNG</b>	M391B2873DZ1-CH9	1024MB	SS	Samsung	K4B1G0846D-HCH9(ECC)	-	-	•	•	
<b>SAMSUNG</b>	M378B5673DZ1-CH9	2048MB	DS	Samsung	K4B1G0846D-HCH9	-	-	•	•	•
<b>SAMSUNG</b>	M378B5673EH1-CH9	2048MB	DS	Samsung	SEC 913 HCH9 K4B1G0846E	-	-	•	•	
<b>SAMSUNG</b>	M391B5673DZ1-CH9	2048MB	DS	Samsung	K4B1G0846D-HCH9(ECC)	-	-	•	•	•
<b>Super</b>	W1333X2GB8(XMP)	1024MB	SS	-	-	-	-			
<b>Transcend</b>	TS128MLK64V3U	1024MB	SS	-	SEC 813HCH9 K4B1G0846D	-	-	•	•	•
<b>Transcend</b>	TS128MLK72V3U	1024MB	SS	-	K4B1G0846D(ECC)	-	-	•	•	•
<b>Transcend</b>	TS256MLK64V3U	2048MB	DS	Micron	9GF27D9KPT	-	-	•	•	•
<b>Transcend</b>	TS256MLK64V3U	2048MB	DS	-	SEC816HCH9K4B1G0846D	-	-			•
<b>ASINT</b>	SLY3128M8-EDJ	1024MB	SS	ASINT	DDRII1208-DJ 0844	-	-	•		•
<b>ASINT</b>	SLZ3128M8-EDJE	2048MB	DS	ELPIDA	J1108BASE-DJ-E	-	-	•	•	•
<b>BUFFALO</b>	FSX1333D3G-2G	2048MB	DS	-	-	7-7-7-20	-	•	•	•
<b>Century</b>	PC3-10600 DDR3-1333 9-9-9	1024MB	SS	Micron	8FD22D9JNM	-	-	•	•	
<b>Century</b>	PC3-10600 DDR3-1333 9-9-9	2048MB	DS	Micron	8DD22D9JNM	-	-	•	•	
<b>Elixir</b>	M2Y2G64CB8HA9N-CG	2048MB	DS	-	-	7-7-7-20	-	•	•	•
<b>Kingtiger</b>	2GB DIMM PC3-10666	2048MB	DS	Samsung	SEC 904 HCH9 K4B1G0846D	-	-	•	•	•
<b>Kingtiger</b>	KTG2G1333PG3	2048MB	DS	-	-	-	-	•	•	
<b>PATRIOT</b>	PSD31G13332H	1024MB	DS	-	-	9	-	•	•	•
<b>PATRIOT</b>	PSD31G13332	1024MB	DS	Patriot	PM64M8D38U-15	-	-	•	•	•
<b>PATRIOT</b>	PSD32G13332H	2048MB	DS	-	-	-	-	•	•	•
<b>PATRIOT</b>	PDC34G1333ELK	4096MB (Kit of 2)	DS	-	-	9-9-9-24	1.5V	•	•	

<b>SILICON POWER</b>	SP001GBLTU133S01	1024MB	SS	NANYA	NT5CB128M8AN-CG	9	-	•	•	
<b>SILICON POWER</b>	SP001GBLTU133S02	1024MB	SS	elixir	N2CB1680AN-C6	9	-	•	•	•
<b>SILICON POWER</b>	SP002GBLTU133S02	2048MB	DS	elixir	N2CB1680AN-C6	9	-	•	•	•
<b>TAKEMS</b>	TMS1GB364D081-107EY	1024MB	SS	-	-	7-7-7-20	1.5V	•	•	•
<b>TAKEMS</b>	TMS1GB364D081-138EY	1024MB	SS	-	-	8-8-8-24	1.5V	•	•	•
<b>TAKEMS</b>	TMS2GB364D081-107EY	2048MB	DS	-	-	7-7-7-20	1.5V	•	•	•
<b>TAKEMS</b>	TMS2GB364D081-138EY	2048MB	DS	-	-	8-8-8-24	1.5V	•	•	•
<b>TAKEMS</b>	TMS2GB364D082-138EW	2048MB	DS	-	-	8-8-8-24	1.5V	•	•	
<b>Apacer</b>	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808FEQSBG	9	-	•	•	•
<b>KINGMAX</b>	FLFD45F-B8KL9	1GB	SS	KINGMAX	KKB8FNWBFGNX-27A	-	-	•	•	•
<b>KINGMAX</b>	FLFE85F-B8KL9	2GB	DS	KINGMAX	KKB8FNWBFGNX-26A	-	-	•	•	
<b>Kingston</b>	KVR1333D3N9/1G	1GB	SS	ELPIDA	J1108BDBG-DJ-F	9	1.5V	•	•	•
<b>KINGSTON</b>	KVR1333D3N9/2G(矮版)	2GB	DS	ELPIDA	J1108BDBG-DJ-F	9	1.5V	•	•	•
<b>Kingston</b>	KVR1333D3N9/2G	2GB	DS	KTC	D1288JPNDPLD9U	9	1.5V	•	•	•
<b>Kingston</b>	KVR1333D3N9/2G	2GB	DS	ELPIDA	J1108BDSE-DJ-F	9	1.5V	•	•	•
<b>Kingston</b>	KHX1333C9D3UK2/4GX(X MP)	4GB(2 x 2GB)	DS	-	-	9	XMP 1.25V	•	•	•
<b>KINGSTON</b>	KVR1333D3N9/4G(矮版)	4GB	DS	HYNIX	H5TQ2G83AFRH9C	9	1.5V	•	•	•
<b>OCZ</b>	OCZ3F13334GK	4GB(2 x 2GB)	DS	-	-	9-9-9-20	1.7V	•	•	•
<b>Super</b>	W1333UA1GH	1GB	SS	HYNIX	H5TQ1G83TFR	9	-	•	•	•
<b>Super</b>	W1333UB2GS	2GB	DS	Samsung	K4B1G0846F	9	-	•	•	•
<b>Super</b>	W1333UB4GS	4GB	DS	Samsung	K4B2G0846C	-	-	•	•	•
<b>Elixir</b>	M2F2G64CB88B7N-CG	2GB	DS	Elixir	N2CB2G808N-CG	-	-	•	•	•
<b>Elixir</b>	M2F4G64CB8HB5N-CG	4GB	DS	Elixir	N2CB2G808N-CG	-	-	•	•	•
<b>KINGSHAR</b>	KSRPCD313332G	2GB	DS	PATRIOT	PM128M8D385-15	-	-	•	•	•
<b>PQI</b>	MFACR423PA0105	2GB	DS	PQI	PQC32808E-15R	-	-	•		
<b>WINTEC</b>	3WVS31333-2G-CNR	2GB	DS	AMPO	AM3420803-13H	-	-	•	•	•

#### 4 DIMM Slots

- **1 DIMM:** Supports [one module](#) inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports [one pair of modules](#) inserted into either the blue slots or the black slots as one pair of [Dual-channel](#) memory configuration
- **4 DIMM:** Supports [4 modules](#) inserted into both the blue and black slots as two pairs of Dual-channel memory configuration

## DDR3 1600 Qualified Vendors List (QVL)

	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>A-Data</b>	AD31600E001GM(O)U3K	3072MB (Kit of 3)	SS	-	-	8-8-8-24	1.65V-1.85V	•	•	
<b>A-Data</b>	AD31600E002GU(XMP)	2048MB	DS	-	-	7-7-7-20	1.75-1.85V			
<b>A-Data</b>	AD31600X002GMU(XMP)	4096MB (Kit of 2)	DS	-	-	7-7-7-20	1.75-1.85V	•		•
<b>CORSAIR</b>	TR3X6G1600C8 G(XMP)	6144MB (Kit of 3)	DS	-	-	-	-			•
<b>CORSAIR</b>	TR3X6G1600C8D G(XMP)	6144MB (Kit of 3)	DS	-	-	8-8-8-24	1.65V			
<b>CORSAIR</b>	TR3X6G1600C9 G(XMP)	6144MB (Kit of 3)	DS	-	-	9-9-9-24	1.65V	•	•	•
<b>CORSAIR</b>	TR3X6G1600C8D G(XMP)	6144MB (Kit of 3)	DS	-	-	8-8-8-24	1.65V	•	•	•
<b>Crucial</b>	BL12864BA1608.8SFB(XMP)	3072MB (Kit of 3)	SS	-	-	8-8-8-24	1.8V			
<b>Crucial</b>	BL12864BE2009.8SFB3(EPP)	3072MB (Kit of 3)	SS	-	-	9-9-9-28	2.0V	•	•	•
<b>Crucial</b>	BL25664BN1608.16FF(XMP)	6144MB (Kit of 3)	DS	-	-	-	-			
<b>Crucial</b>	BL25664TB1608.K16SF(XMP)	6144MB (Kit of 3)	DS	-	-	8-8-8-24	-			•
<b>Crucial</b>	BL25664TG1608.K16SF(XMP)	6144MB (Kit of 3)	DS	-	-	8-8-8-24	-	•	•	•
<b>Crucial</b>	BL25664TR1608.K16SF(XMP)	6144MB (Kit of 3)	DS	-	-	8-8-8-24	-	•		•
<b>G.SKILL</b>	F3-12800CL9D-2GBNQ(XMP)	2048MB (Kit of 2)	SS	-	-	9-9-9-24	1.5V~1.6V	•		
<b>G.SKILL</b>	F3-12800CL7D-4GBECO(XMP)	4096MB (Kit of 2)	DS	-	-	7-8-7-24	1.35V(low voltage)	•		•
<b>G.SKILL</b>	F3-12800CL8D-4GBRM(XMP)	4096MB (Kit of 2)	DS	-	-	8-8-8-24	1.60V	•	•	•
<b>G.SKILL</b>	F3-12800CL9D-4GBECO(XMP)	4096MB (Kit of 2)	DS	-	-	9-9-9-24	1.35V(low voltage)	•		•
<b>G.SkILL</b>	F3-12800CL8T-6GBPI(XMP)	6144MB (Kit of 3)	DS	-	-	8-8-8-21	1.6-1.65V			

<b>G.SKILL</b>	F3-12800CL9T-6GBNQ(XMP)	6144MB (Kit of 3)	DS	-	-	9-9-9-24	1.5V~1.6V	•	•	
<b>GEIL</b>	GV34GB1600C8DC(XMP)	2048MB	DS	-	-	8-8-8-28	1.6V			
<b>Kingmax</b>	FLGD45F-B8KG9(XMP)	1024MB	SS	Kingmax	KFB8FNGXF-ANX-12A	-	-	•	•	•
<b>Kingmax</b>	FLGD45F-B8MF7 MAEH(XMP)	1024MB	SS	-	-	7	-	•		•
<b>Kingmax</b>	FLGE85F-B8KG9(XMP)	2048MB	DS	Kingmax	KFB8FNGXF-ANX-12A	-	-	•	•	
<b>Kingmax</b>	FLGE85F-B8MF7 MEEH(XMP)	2048MB	DS	-	-	7	-	•		
<b>KINGSTON</b>	KHX1600C8D3K2/4GX(XMP)	4096MB (Kit of 2)	DS	-	-	-	1.65V			•
<b>KINGSTON</b>	KHX1600C8D3T1K2/4GX(XMP)	4096MB (Kit of 2)	DS	-	-	-	1.65V	•	•	
<b>KINGSTON</b>	KHX1600C9D3K2/4G	4096MB (kit of 2)	DS	-	-	-	1.7-1.9V	•		
<b>KINGSTON</b>	KHX1600C9D3K3/6GX(XMP)	6144MB (Kit of 3)	DS	-	-	-	1.65V			
<b>OCZ</b>	OCZ3G1600LV3GK	3072MB (Kit of 3)	SS	-	-	8-8-8-24	1.65V			•
<b>OCZ</b>	OCZ3P1600LV4GK	4096MB (Kit of 2)	DS	-	-	7-7-7-24	1.65V	•		
<b>OCZ</b>	OCZ3G1600LV4GK	4096MB (Kit of 2)	DS	-	-	8-8-8-24	1.65V	•	•	
<b>OCZ</b>	OCZ3OB1600LV4GK	4096MB (Kit of 2)	DS	-	-	-	1.65V	•		•
<b>OCZ</b>	OCZ3P1600EB4GK	4096MB (Kit of 2)	DS	-	-	7-7-6-24	1.9V			
<b>OCZ</b>	OCZ3P1600LV4GK	4096MB (Kit of 2)	DS	-	-	7-7-7-24	1.65V			
<b>OCZ</b>	OCZ3SOU16004GK	4096MB (Kit of 2)	DS	-	-	8-8-8-24	1.9V			
<b>OCZ</b>	OCZ3X16004GK(XMP)	4096MB (Kit of 2)	DS	-	-	7-7-7-24	1.9V			
<b>OCZ</b>	OCZ3G1600LV6GK	6144MB (Kit of 3)	DS	-	-	8-8-8-24	1.65V	•	•	•
<b>Super Talent</b>	WA160UX6G9	6144MB (Kit of 3)	DS	-	-	9	-	•	•	•
<b>Elixir</b>	M2Y2G64CB8HA9N-DG(XMP)	2048MB	DS	-	-	-	-	•	•	•

<b>Kingtiger</b>	KTG2G1600PG3	2048MB	DS	-	-	-	-	•	•	•
<b>Mushkin</b>	996657(XMP)	4096MB (Kit of 2)	DS	-	-	7-7-7-20	1.95V	•		•
<b>Mushkin</b>	998659(XMP)	6144MB (Kit of 3)	DS	-	-	9-9-9-24	1.5~1.6V	•		
<b>Mushkin</b>	998659(XMP)	6144MB (Kit of 3)	DS	-	-	9-9-9-24	-	•	•	•
<b>PATRIOT</b>	PGS34G1600LLKA	4096MB (Kit of 2)	DS	-	-	7-7-7-20	1.7V	•		•
<b>CORSAIR</b>	CMP4GX3M2A1600C8(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.65V			
<b>CORSAIR</b>	CMT4GX3M2A1600C6(XMP)	4GB(2 x 2GB)	DS	-	-	6-6-6-20	1.65V	•	•	•
<b>CORSAIR</b>	CMT4GX3M2A1600C7(XMP)	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.65V	•		
<b>G.SKILL</b>	F3-12800CL7D-4GBRH(XMP)	4GB(2 x 2GB)	SS	-	-	7-7-7-24	1.6V	•	•	•
<b>G.SKILL</b>	F3-12800CL7D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	7-7-8-24	XMP 1.35V	•	•	•
<b>G.SKILL</b>	F3-12800CL7D-4GBRM(XMP)	4GB(2 x 2GB)	DS	-	-	7-8-7-24	1.6V	•	•	•
<b>G.SKILL</b>	F3-12800CL9D-4GBRL(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.5V	•	•	•
<b>KINGSTON</b>	KHX1600C9D3K3/12GX(XMP)	12GB(3x 4GB)	DS	-	-	9-9-9-27	1.65V	•		•
<b>Kingston</b>	KHX1600C8D3K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	8	1.65V	•	•	•
<b>Kingston</b>	KHX1600C8D3T1K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	8	1.65V	•	•	•
<b>Kingston</b>	KHX1600C9D3K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9	1.65V	•	•	•
<b>Kingston</b>	KHX1600C9D3LK2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9	XMP 1.35V	•	•	•
<b>Kingston</b>	KHX1600C9D3K3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	9	1.65V	•	•	•

#### 4 DIMM Slots

- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports one pair of modules inserted into either the [blue](#) slots or the [black](#) slots as one pair of Dual-channel memory configuration



- **4 DIMM:** Supports 4 modules inserted into both the [blue](#) and [black](#) slots as two pairs of Dual-channel memory configuration

#### DDR3 1800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>OCZ</b>	OCZ3P18004GK	4GB(2 x 2GB)	DS	-	-	8-8-8-27	1.9V	•	•	•
<b>CORSAIR</b>	CM3X2G1800C8D	2GB	DS	-	-			•	•	
<b>KINGSTON</b>	KHX14400D3K2/2G	2GB(2 x 1GB)	SS	-	-	8-8-8-24	1.5V	•	•	
<b>KINGSTON</b>	KHX14400D3K3/3GX(XMP)	3GB(3 x 1GB)	SS	-	-	9-9-9-27	1.65V	•	•	
<b>KINGSTON</b>	KHX14400D3K2/2GN(EPP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.5V	•	•	
<b>Transcend</b>	TX1800KLU-2GK	1GB	SS	-	-			•	•	

#### 4 DIMM Slots

- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports one pair of modules inserted into either the [blue](#) slots or the [black](#) slots as one pair of Dual-channel memory configuration
- **4 DIMM:** Supports 4 modules inserted into both the [blue](#) and [black](#) slots as two pairs of Dual-channel memory configuration

#### DDR3 1866 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>KINGSTON</b>	KHX14900D3K3/3GX(XMP)	3GB(3 x 1GB)	SS	-	-	9-9-9-27	1.65V	•	•	
<b>OCZ</b>	OCZ3P1866LV4GK	4GB(2 x 2GB)	DS	-	-	9-9-9-27	1.65V	•	•	
<b>OCZ</b>	OCZ3P1866C9LV6GK	6GB(3 x 2GB)	DS	-	-	9-9-9-28	1.65V	•	•	

#### 4 DIMM Slots

- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports one pair of modules inserted into either the [blue](#) slots or the [black](#) slots as one pair of Dual-channel memory configuration
- **4 DIMM:** 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.