

P8C WS Memory Qualified Vendors List (QVL)

DDR3 1600 MHz Capability BIOS Version:3010

DDR3 1600 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
Kingston	KVR1600D3E11S/2G(ECC)	2GB	SS	Hynix	H5TQ2G83CFR-PBC	11-11-11-28	1.5	•	•	•
Kingston	KVR1600D3E11S/4G(ECC)	4GB	DS	Hynix	H5TQ2G83CFR-PBC	11-11-11-28	1.5	•	•	•
Nanya	NT4GC72B8PGONF-DI(ECC)	4GB	DS	Nanya	NT5CC256M8GN-DI	11-11-11-28	1.5	•	•	•
Hynix	HMT351U7BFR8C-PBT0(ECC)	4GB	DS	Hynix	H5TQ2G83BFR-PBC	11-11-11-28	1.5	•	•	•
Hynix	HMT351U7CFR8C-PBT0(ECC)	4GB	DS	Hynix	H5TQ2G83CFR-PBC	11-11-11-28	1.5	•	•	•
ATP	AQ24M72E8BK0M(ECC)	8GB	DS	Micron	2FD27D9PCP	11-11-11-28	-	•	•	•
Apacer	78.C1GER.4230C(ECC)	8GB	DS	ELPIDA	J4208BBBG-GN-F	11-11-11-28	-	•	•	•
Innodisk	M3C0-8GH33CPC(ECC)	8GB	DS	Hynix	H5TQ4G83MFR	11-11-11-28	-	•	•	•
GEIL	GIC3E32G1600C11DQC(ECC)	8GB	DS	GeIL	GL1L512M88BA15CW	11-11-11-28	1.5	•	•	•
Kingston	KVR16E11/8(ECC)	8GB	DS	Hynix	H5TQ4G83MFR	11-11-11-28	1.5	•	•	•

*The ECC module only support when using Xeon processor.

DDR3 1600 MHz Capability BIOS Version:0505

DDR3 1600 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
Apacer	78.A1GEB.AF20C(ECC)	2GB	DS	Hynix	H5TQ2G83CFR-P8C	11-11-11-28	1.5	•	•	•
Apacer	78.B1GEB.AF30C(ECC)	4GB	DS	Hynix	H5TQ2G83CFR-P8C	11-11-11-28	1.5	•	•	•
Apacer	78.C1GER.AT30C(ECC)	8GB	DS	Hynix	R5TQ4GB3MFA P8C	11-11-11-28	1.5	•	•	•

*The ECC module only support when using Xeon processor.

DDR3 1600 MHz Capability BIOS Version:0505

DDR3 1600 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
A-DATA	AM2U16BC2P1	2GB	SS	A-DATA	3CCD-1509A	-	-	•	•	•
A-DATA	AM2U16BC4P2	4GB	DS	A-DATA	3CCD-1509A	-	-	•	•	•
A-DATA	AX3U1600GC4G9(XMP)	4GB	DS	-	-	-	1.55-1.75	•	•	•
A-DATA	AX3U1600PC4G8(XMP)	4GB	DS	-	-	8-8-8-24	1.55-1.75	•	•	•
AEXEA	AXA3P52G1600S18V(XMP)	2GB	DS	-	-	-	1.65	•	•	•
Asint	SLA302G08-EGG1C(XMP)	4GB	DS	Asint	302G08-GG1C	9-9-9-27	-	•	•	•
Asint	SLA302G08-EGJ1C(XMP)	4GB	DS	Asint	302G08-GJ1C	9-9-9-27	-	•	•	•
Asint	SLZ3128M8-EGJ1D(XMP)	2GB	DS	Asint	3128M8-GJ1D	-	-	•	•	•
ATP	AQ12M64B8BK0S	4GB	DS	SAMSUNG	K4B2G08460	-	NO	•	•	•
CORSAIR	CMG4GX3M2A1600C6	4GB (2x 2GB)	DS	-	-	6-6-6-18	1.65	•	•	•
CORSAIR	CML16GX3M4X1600C8(Ver 2.12)(XMP)	16GB (4x 4GB)	DS	-	-	Heat-Sink Package	1.5	•	•	•
CORSAIR	CMP6GX3M3A1600C8(XMP)	6GB (3x 2GB)	DS	-	-	8-8-8-24	1.65	•	•	•
CORSAIR	CMP6GX3M3A1600C8(XMP)	6GB (3x 2GB)	DS	-	-	8-8-8-24	1.65	•	•	•
CORSAIR	CMX6GX3M3C1600C7(XMP)	6GB (3x 2GB)	DS	-	-	7-8-7-20	1.65	•	•	•
CORSAIR	CMZ16GX3M4A1600C9(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
CORSAIR	CMZ32GX3M4X1600C10(Ver2.2)(XMP)	32GB (4x 8GB)	DS	-	-	10-10-10-27	1.5	•	•	•
CORSAIR	CMZ8GX3M2A1600C8(XMP)	8GB (2x 4GB)	DS	-	-	8-8-8-24	1.5	•	•	•
CORSAIR	CMZ8GX3M2A1600C9(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
CORSAIR	CMZ8GX3M4X1600C9(Ver 2.12)(XMP)	8GB (4x 2GB)	SS	-	-	9-9-9-24	1.5	•	•	•
CORSAIR	HX3X12G1600C9(XMP)	12GB (6x 2GB)	DS	-	-	9-9-9-24	1.6	•	•	•
Crucial	BL12864BN1608.8FF(XMP)	2GB(2x 1GB)	SS	-	-	8-8-8-24	1.65	•	•	•
Crucial	BLT4G3D1608DT1TX0.16FM(XMP)	4GB	DS	-	-	8-8-8-24	1.5	•	•	•
EK Memory	EKM324L28BP8-16(XMP)	4GB(2x 2GB)	DS	-	-	9	-	•	•	•
EK Memory	EKM324L28BP8-16(XMP)	4GB(2x 2GB)	DS	-	-	9	-	•	•	•
Elixir	M2X2F64C888G7N-DG(XMP)	2GB	SS	Elixir	N2CB2G80GN-DG	9-9-9-28	-	•	•	•
Elixir	M2X4G64C888G5N-DG(XMP)	4GB	DS	Elixir	N2CB2G80GN-DG	9-9-9-28	-	•	•	•
G.SKILL	F3-12800CL7D-8GBRH(XMP)	8GB (2x 4GB)	DS	-	-	7-8-7-24	1.6	•	•	•
G.SKILL	F3-12800CL7Q-16GBXH(XMP)	16GB (4x 4GB)	DS	-	-	7-8-7-24	1.6	•	•	•
G.SKILL	F3-12800CL8D-8GBECO(XMP)	8GB (2x 4GB)	DS	-	-	8-8-8-24	1.35	•	•	•
G.SKILL	F3-12800CL9D-8GBRL(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
G.SKILL	F3-12800CL9D-8GBSR2(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.25	•	•	•
G.SKILL	F3-12800CL9Q-16GBXL(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
G.Skill	F3-12800CL9Q-16GBZL(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
GEIL	GET316GB1600C9CQ(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-28	1.6	•	•	•
GEIL	GUP34GB1600C7DC(XMP)	4GB (2x 2GB)	DS	-	-	7-7-7-24	1.6	•	•	•
GoodRam	GR1600D364L9/2G	2GB	DS	GoodRam	GF1008KC-JN	-	-	•	•	•
KINGMAX	FLGE85F-C8KL9A(XMP)	2GB	SS	KINGMAX	N/A	9-9-9-28	-	•	•	•
KINGMAX	FLGF65F-C8KL9A(XMP)	4GB	DS	KINGMAX	N/A	9-9-9-28	-	•	•	•
KINGSTON	KHX1600C9D3K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65	•	•	•
KINGSTON	KHX1600C9D3K3/12GX(XMP)	12GB (3x 4GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3K3/12GX(XMP)	12GB (3x 4GB)	DS	-	-	-	1.65	•	•	•
KINGSTON	KHX1600C9D3K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3K6/24GX(XMP)	24GB (6x 4GB)	DS	-	-	9	1.65	•	•	•
Kingston	KHX1600C9D3K8/32GX(XMP)	32GB (8x 4GB)	DS	-	-	9-9-9-27	1.65	•	•	•
KINGSTON	KHX1600C9D3K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65	•	•	•
KINGSTON	KHX1600C9D3T1BK3/12GX(XMP)	12GB (3x 4GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3X2K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	9	1.65	•	•	•
KINGTIGER	KTG2G1600PG3(XMP)	2GB	DS	-	-	-	-	•	•	•
Mushkin	996805(XMP)	4GB (2x 2GB)	DS	-	-	6-8-6-24	1.65	•	•	•
Mushkin	998805(XMP)	6GB (3x 2GB)	DS	-	-	6-8-6-24	1.65	•	•	•
OCZ	OCZ3BE1600C8L4GK	4GB(2x 2GB)	DS	-	-	8-8-8	1.65	•	•	•
Patriot	AE32G1609U1-U	2GB	SS	AMD	23EY4587MB6H	-	1.5	•	•	•
Patriot	AE34G1609U2-U	4GB	DS	AMD	23EY4587MB6H	-	1.5	•	•	•
Patriot	PGS34G1600LLKA	4GB(2x 2GB)	DS	-	-	7-7-7-20	1.7	•	•	•
Patriot	PGS34G1600LLKA2	4GB (2x 2GB)	DS	-	-	8-8-8-24	1.7	•	•	•
Patriot	PVV38G1600LLK(XMP)	8GB (2x 4GB)	DS	-	-	8-9-8-24	1.65	•	•	•
Patriot	PX7312G1600LLK(XMP)	12GB (3x 4GB)	DS	-	-	8-9-8-24	1.65	•	•	•
SanMax	SMD-4G68GN-16KK	4GB	DS	ELPIDA	J2108BDBG-GN-F	-	-	•	•	•
Team	TED34096M1600HC11	4GB	DS	Team	T3D2568ET-16	-	-	•	•	•
Team	TXD31024M1600C8-DI(XMP)	1GB	SS	Team	T3D1288RT-16	8-8-8-24	1.65	•	•	•
Team	TXD32048M1600C7-L(XMP)	2GB	DS	Team	T3D1288RT-16	7-7-7-24	1.65	•	•	•
Team	TXD32048M1600HC8-DI(XMP)	2GB	DS	Team	T3D1288RT-16	8-8-8-24	1.65	•	•	•
Team	TXD34096M1600HC9-DI(XMP)	4GB	DS	Hynix	H5T2G83BFRH9A	9-9-9-24	1.5	•	•	•
Transcend	JM1600LN-8GK	8GB (2x 4GB)	DS	Transcend	TK483PCW3	-	-	•	•	•
Transcend	TS256MLK64V6N	2GB	SS	Transcend	K4B2G0846C	-	-	•	•	•

Transcend	TS512MLK64V6N	4GB	DS	Transcend	K4B2G0846C	-	-	•	•	•
-----------	---------------	-----	----	-----------	------------	---	---	---	---	---

DDR3 1333 MHz Capability BIOS Version:0505

DDR3 1333 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
ACTICA	ACT1GHU6488F1333S	1GB	SS	SAMSUNG	K4B1G0846F	-	-	•	•	•
ACTICA	ACT1GHU72C8G1333S(ECC)	1GB	SS	SAMSUNG	K4B1G0846F(ECC)	-	-	•	•	•
ACTICA	ACT2GHU6488G1333M	2GB	DS	Micron	D9KPT	-	-	•	•	•
ACTICA	ACT2GHU6488G1333S	2GB	DS	SAMSUNG	K4B1G0846F	-	-	•	•	•
ACTICA	ACT2GHU72D8G1333M(ECC)	2GB	DS	Micron	D9KPT(ECC)	-	-	•	•	•
ACTICA	ACT2GHU72D8G1333S(ECC)	2GB	DS	SAMSUNG	K4B1G0846F(ECC)	-	-	•	•	•
ACTICA	ACT4GHU6488H1333H	4GB	DS	Hynix	H5TQ2G83AFR	-	-	•	•	•
ACTICA	ACT4GHU72D8H1333H(ECC)	4GB	DS	Hynix	H5TQ2G83AFR(ECC)	-	-	•	•	•
A-DATA	AD6311B0823EV	2GB	SS	A-DATA	3CCA-1509A	-	-	•	•	•
A-DATA	AD6311C1624EV	4GB	DS	A-DATA	3CCA-1509A	-	-	•	•	•
A-DATA	AXDU1333C2G9(XMP)	2GB	SS	-	-	9-9-9-24	1.25-1.35	•	•	•
A-DATA	SU3U1333W8G9(XMP)	8GB	DS	ELPIDA	J4208BASE-DJ-F	-	-	•	•	•
Apacer	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808FEQSBG	-	-	•	•	•
Apacer	78.B1GDE.9L10C	4GB	DS	Apacer	AM5D5908CEHSBG	-	-	•	•	•
ATP	AQ12M72E8BK9S(ECC)	4GB	DS	SAMSUNG	K4B2G0846C(ECC)	-	-	•	•	•
ATP	AQ56M72E8BJ9S(ECC)	2GB	DS	SAMSUNG	K4B1G0846F(ECC)	-	-	•	•	•
BUFFALO	D3U1333-1G	1GB	SS	Elpida	J1108BFBG-DJ-F	-	-	•	•	•
BUFFALO	D3U1333-2G	2GB	DS	Elpida	J1108BFBG-DJ-F	-	-	•	•	•
BUFFALO	D3U1333-4G	4GB	DS	NANYA	NT5CB256M8BN-CG	-	-	•	•	•
CORSAIR	CMX8GX3M2A1333C9(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
CORSAIR	TW3X4G1333C9A	4GB (2x 2GB)	DS	-	-	9-9-9-24	1.5	•	•	•
EK Memory	EKM324L28BP8-I13	4GB(2 x 2GB)	DS	-	-	9	-	•	•	•
Elixir	M2F2G64C88B7N-CG	2GB	SS	Elixir	N2CB2G808N-CG	-	-	•	•	•
Elixir	M2F2G64C88B7N-CG	2GB	SS	Elixir	M2CB2G8BDN-CG	-	-	•	•	•
Elixir	M2F4G64C88B5N-CG	4GB	DS	Elixir	N2CB2G808N-CG	-	-	•	•	•
G.SKILL	F3-10600CL9D-4GBNT	4GB (2x 2GB)	DS	G.SKILL	D3 128M8CE9 2GB	9-9-9-24	1.5	•	•	•
G.SKILL	F3-10666CL9D-8GBRL	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
G.SKILL	F3-10666CL9D-8GBRL	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
G.SKILL	F3-10666CL9D-8GBXL	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
GEIL	GB34GB1333C7DC	4GB(2 x 2GB)	DS	GEIL	GL1L128M88BA15FW	7-7-7-24	1.5	•	•	•
GEIL	GET316GB1333C9OC	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
GEIL	GG34GB1333C9DC	4GB (2x 2GB)	DS	GEIL	GL1L128M88BA115FW	9-9-9-24	1.3	•	•	•
GEIL	GG34GB1333C9DC	4GB (2x 2GB)	DS	GEIL	GL1L128M88BA15B	9-9-9-24	1.3	•	•	•
GEIL	GVP34GB1333C9DC	4GB (2x 2GB)	DS	-	-	9-9-9-24	1.5	•	•	•
GEIL	GVP38GB1333C7QC	8GB (4x 2GB)	DS	-	-	7-7-7-24	1.5	•	•	•
GEIL	GVP38GB1333C9DC	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
GoodRam	GR1333D364L9/2G	2GB	DS	Qimonda	IDSH1G-03A1F1C-13H	-	-	•	•	•
Hynix	HMT125U6TFR8A-H9	2GB	DS	Hynix	H5TC1G83TFR	-	-	•	•	•
KINGMAX	FLFE85F-B8KL9	2GB	DS	KINGMAX	KFC8FNLXL-BNF-15A	-	-	•	•	•
KINGMAX	FLFE85F-C8KL9	2GB	SS	KINGMAX	KFC8FNLBF-GXX-12A	-	-	•	•	•
KINGMAX	FLFE85F-C8KL9	2GB	SS	KINGMAX	KFC8FNLXF-DXX-15A	-	-	•	•	•
KINGMAX	FLFE85F-C8KM9	2GB	SS	Kingmax	KFC8FNMXF-BXX-15A	-	-	•	•	•
KINGMAX	FLFF65F-C8KL9	4GB	DS	KINGMAX	KFC8FNLBF-GXX-12A	-	-	•	•	•
KINGMAX	FLFF65F-C8KL9	4GB	DS	KINGMAX	KFC8FNLXF-DXX-15A	-	-	•	•	•
KINGMAX	FLFF65F-C8KM9	4GB	DS	Kingmax	KFC8FNMXF-BXX-15A	-	-	•	•	•
KINGSTON	KVR1333D3E9S/4G	4GB	DS	Elpida	J2108ECSE-DJ-F	9	1.5	•	•	•
KINGSTON	KVR1333D3N9/2G	2GB	DS	Kingston	D1288JPNPDL9U	9	1.5	•	•	•
KINGSTON	KVR1333D3N9K2/4G	4GB (2x 2GB)	DS	KINGSTON	D1288JEMFPD9U	-	1.5	•	•	•
KINGSTON	KVR1333D3S8N9/2G	2GB	SS	Micron	IFD77 D9L GK	-	1.5	•	•	•
KINGTIGER	F10DA2T1680	2GB	DS	KINGTIGER	KTG1333P51208NST-C9	-	-	•	•	•
KINGTIGER	KTG2G1333PG3	2GB	DS	-	-	-	-	•	•	•
Mach Xtreme	MXD3U133316GQ	16GB (4x 4GB)	DS	-	-	-	-	•	•	•
Mach Xtreme	MXD3V13332GS	2GB	SS	Mach Xtreme	C2S46D30-D313	-	-	•	•	•
MICRON	MT16JTF1G64AZ-1G4D1	8GB	DS	MICRON	D9PCP	-	-	•	•	•
MICRON	MT8JTF25664AZ-1G4M1	2GB	SS	MICRON	D9PFJ	-	-	•	•	•
OCZ	OC23G1333LV4GK	4GB (2x 2GB)	DS	-	-	9-9-9	1.65	•	•	•
OCZ	OC23G1333LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•	•	•
OCZ	OC23G1333LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•	•	•
OCZ	OC23RPR1333C9LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•	•	•
Patriot	AE32G1339U1-U	2GB	SS	AMD	23EY4587MB3H	-	1.5	•	•	•
Patriot	AE34G1339U2-U	4GB	DS	AMD	23EY4587MB3H	-	1.5	•	•	•
Patriot	PG38G1333EL(XMP)	8GB	DS	-	-	-	1.5	•	•	•
Patriot	PGD316G1333ELK(XMP)	16GB (2x 8GB)	DS	-	-	9-9-9-24	1.5	•	•	•
Patriot	PGS34G1333LLKA	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.7	•	•	•
Patriot	PSD32G13332	2GB	DS	Prriot	PM128M8D3BU-15	9	-	•	•	•
RIDATA	C304627CB1AG22Fe	2GB	DS	RIDATA	C304627CB1AG22Fe	9	-	•	•	•
RIDATA	E304459CB1AG32CF	4GB	DS	RIDATA	E304459CB1AG32CF	9	-	•	•	•
SAMSUNG	M378B1G73AHO-CH9	8GB	DS	SAMSUNG	K4B4G0846A-HCH9	-	-	•	•	•
SAMSUNG	M378B5273CHO-CH9	4GB	DS	SAMSUNG	K4B2G0846C	-	-	•	•	•
SAMSUNG	M378B5673FHO-CH9	2GB	DS	SAMSUNG	K4B1G0846F	-	-	•	•	•
Silicon Power	SP001GBLTI133S01	1GB	SS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•
Silicon Power	SP001GBLTU133S02	1GB	SS	S-POWER	10YT3E5	9	-	•	•	•
Silicon Power	SP002GBLTI133S01	2GB	DS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•
Team	TED34096M1333HC9	4GB	DS	Team	T3D2568LT-13	-	-	•	•	•
Team	TXD31024M1333C7(XMP)	1GB	SS	Team	T3D1288LT-13	7-7-7-21	1.75	•	•	•
Team	TXD31048M1333C7-D(XMP)	1GB	SS	Team	T3D1288LT-13	7-7-7-21	1.75	•	•	•
Team	TXD32048M1333C7-D(XMP)	2GB	DS	Team	T3D1288LT-13	7-7-7-21	1.5-1.6	•	•	•
Transcend	JM1333KLN-2G	2GB	SS	Transcend	TK483PCW3	-	-	•	•	•
Transcend	JM1333KLN-2G (582670)	2GB	SS	Micron	ICD77 D9L GK	-	-	•	•	•
Transcend	JM1333KLN-4G	4GB	DS	Transcend	TK483PCW3	-	-	•	•	•
Transcend	JM1333KLN-4G (583782)	4GB	DS	Transcend	TK483PCW3	9	-	•	•	•
Transcend	TS1GLK64V3H	8GB	DS	MICRON	D9PBC	-	-	•	•	•
Transcend	TS256MLK64V3N (585541)	2GB	SS	Micron	ICD77 D9L GK	9	-	•	•	•
Transcend	TS256MLK64V3N (566577)	2GB	SS	Hynix	H5TQ2G83BFR	9	-	•	•	•
Transcend	TS256MLK64V3N (574206)	2GB	SS	Micron	D9L GK	9	-	•	•	•
Transcend	TS512MLK64V3N (585538)	4GB	DS	Micron	IED27 D9L GK	9	-	•	•	•
Transcend	TS512MLK64V3N (574831)	4GB	DS	Micron	D9L GK	9	-	•	•	•

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.