MAXIMUS V FORMULA

	DDR3 2400 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
CORSAIR	CMGTX8(XMP)	8GB (4x 2GB)	SS	-	-	10-12-10-30	1.65	●	●	
CORSAIR	CMGTX3(XMP)	2GB	DS	-	-	9-11-9-27	1.65	●	●	
G.SKILL	F3-19200CL11Q-16GBZHD(XMP)	16GB (4x 4GB)	DS	-	-	11-11-11-31	1.65	●	●	●
G.SKILL	F3-19200CL11Q-16GBZHD(XMP)	16GB (4x 4GB)	DS	-	-	11-11-11-31	1.65		●	●
G.SKILL	F3-19200CL9Q-16GBZMD(XMP)	16GB (4x 4GB)	DS	-	-	9-11-11-31	1.65	●	●	●
G.SKILL	F3-19200CL10Q-32GBZHD(XMP)	32GB (4x 8GB)	DS	-	-	10-12-12-31	1.65	●	●	●
G.SKILL	F3-19200CL9D-4GBPIS(XMP)	4G (2x 2G)	DS	-	-	9-11-9-28	1.65	●	●	
GEIL	GOC316GB2400C10QC(XMP)	16GB (4x 4GB)	DS	-	-	10-11-11-30	1.65	●	●	●
GEIL	GOC316GB2400C11QC(XMP)	16GB (4x 4GB)	DS	-	-	11-11-11-30	1.65	●	●	●
Kingston	KHX2400C11D3K4/8GX(XMP)	8GB (4x 2GB)	SS	-	-	11-13-11-30	1.65	●	●	●
Transcend	TX2400KLU-4GK (381850)(XMP)	2GB	DS	-	-	-	1.65	●	●	●
Transcend	TX2400KLU-4GK(374243)(XMP)	2GB	DS	-	-	-	1.65	●	●	●
Patriot	PVV34G2400C9K(XMP)	4GB (2x 2GB)	DS	-	-	9-11-9-27	1.66	●		

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 eithor the red slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM**: Supports 4 modules inserted into both the red 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.

MAXIMUS V FORMULA

| | DDR3 2133 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	AX3U2133C2G9B(XMP)	2GB	SS	-	-	9-11-9-27	1.55~1.75	●		
A-DATA	AX3U2133GC2G9B(XMP)	2GB	SS	-	-	9-9-9-24	1.55-1.75	●	●	
A-DATA	AX3U2133GC4G9B(XMP)	16GB (4x 4GB)	DS	-	-	9-11-9-27	1.65	●	●	●
Apacer	78.BAGE4.AFD0C(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	-	●	●	●
CORSAIR	CMT4GX3M2A2133C9(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-24	1.65	●	●	
CORSAIR	CMT4GX3M2B2133C9(Ver7.1)(XMP)	4GB (2x 2GB)	DS	-	-	9-9-9-24	1.5	●	●	●
CORSAIR	CMT4GX3M2B2133C9(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-27	1.5	●	●	●
G.SKILL	F3-17000CL9Q-16GBXLD(XMP)	16GB (4x 4GB)	DS	-	-	9-11-9-28	1.65	●	●	●
G.SKILL	F3-17000CL9Q-16GBZH(XMP)	16GB (4x 4GB)	DS	-	-	9-11-10-28	1.65	●	●	●
G.SKILL	F3-17066CL9Q-16GBTDD(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.65	●	●	
G.SKILL	F3-17000CL11Q2-64GBZLD(XMP)	64GB (8x 8GB)	DS	-	-	11-11-11-30	1.5	●	●	●
G.SKILL	F3-17066CL9D-8GBPID(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.65	●	●	
KINGSTON	KHX2133C11D3K4/16GX(XMP)	16GB (4x 4GB)	DS	-	-	11-12-11-30	1.65	●	●	●
OCZ	OCZ3XTEP2133C9LV4GK	2GB	DS	-	-	7-7-7-20	1.65	●	●	
Patriot	PVV34G2133C9K(XMP)	4GB (2x 2GB)	DS	-	-	9-11-9-27	1.66	●	●	

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 eithor the red slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM**: Supports 4 modules inserted into both the red 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.

MAXIMUS V FORMULA

							DIMM socket support (Optional)		
DDR3 2200 Qualified Vendors List (QVL)									
Vendors	**Part No.**	**Size**	**SS/DS**	**Chip Brand**	**Chip NO.**	**Timing**	**Voltage**	**1 DIMM**	**2 DIMM**	**4 DIMM**
G.SKILL	F3-17600CL7D-4GBFLS(XMP)	4G (2x 2G)	DS	-	-	7-10-10-28	1.65	●	●	
GEIL	GET34GB2200C9DC(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-28	1.65	●	●	●
GEIL	GET38GB2200C9ADC(XMP)	8GB (2x 4GB)	DS	-	-	9-11-9-28	1.65	●	●	●
KINGMAX	FLKE85F-B8KJAA-FEIS(XMP)	4GB (2x 2GB)	DS	Kingmax	N/A	-	-	●		

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 eithor the red slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM**: Supports 4 modules inserted into both the red 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.

							DIMM socket support (Optional)		
Vendors	**Part No.**	**Size**	**SS/DS**	**Chip Brand**	**Chip NO.**	**Timing**	**Voltage**	**1 DIMM**	**2 DIMM**	**4 DIMM**
G.SKILL	F3-17600CL7D-4GBFLS(XMP)	4G (2x 2G)	DS	-	-	7-10-10-28	1.65	●	●	
GEIL	GET34GB2200C9DC(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-28	1.65	●	●	●
KINGMAX	FLKE85F-B8KJAA-FEIS(XMP)	4GB (2x 2GB)	DS	Kingmax						

MAXIMUS V FORMULA

DDR3 2000 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	AX3U2000GB2G9B(XMP)	2GB	DS	-	-	9-11-9-27	1.55~1.75	•	•	•
A-DATA	AX3U2000GC4G9B(XMP)	4GB	DS	-	-	9-11-9-27	1.55~1.75	•	•	•
Apacer	78.AAGD5.9KD(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-27	-	•	•	•
CORSAIR	CMZ4GX3M2A2000C10(Ver 5.12)(XMP)	4GB (2x 2GB)	SS	-	-	10-10-10-27	1.5	•	•	
CORSAIR	CMT6GX3M3A2000C8(XMP)	6GB (3x 2GB)	DS	-	-	8-9-8-24	1.65	•	•	•
G.SKILL	F3-16000CL9D-4GBRH(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	•	•	
G.SKILL	F3-16000CL9D-4GBTD(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	•	•	
GEIL	GUP34GB2000C9DC(XMP)	4GB (2x 2GB)	DS	-	-	9-9-9-28	1.65	•	•	•
Transcend	TX2000KLN-8GK (388375)(XMP)	4GB	DS	-	-	-	1.6	•	•	
AEXEA	AXA3ES2G2000LG28V(XMP)	2GB	DS	-	-	-	1.65	•	•	•
AEXEA	AXA3ES4GK2000LG28V(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65	•	•	
Asint	SLA302G08-ML2HB(XMP)	4GB	DS	Hynix	H5TQ2G83BFRH9C	9-9-9-27	-	•	•	•
Gingle	FA3URSS673A801A	2GB	DS	-	-	9-9-9-24	-	•	•	
Patriot	PX7312G2000ELK(XMP)	12GB (3x 4GB)	DS	-	-	9-11-9-27	1.65	•	•	•
Patriot	PV736G2000ELK(XMP)	6GB (3x 2GB)	DS	-	-	7-7-7-20	1.65	•	•	
Silicon Power	SP002GBLYU200S02(XMP)	2GB	DS	-	-	-	-	•	•	•
Team	TXD32048M2000C9(XMP)	2GB	DS	Team	T3D1288RT-20	9-9-9-24	1.5	•	•	•
Team	TXD32048M2000C9-L(XMP)	2GB	DS	Team	T3D1288LT-20	9-9-9-24	1.5	•	•	•
Team	TXD32048M2000C9-L(XMP)	2GB	DS	Team	T3D1288RT-20	9-9-9-24	1.6	•	•	•

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 eithor the red slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM**: Supports 4 modules inserted into both the red 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.

MAXIMUS V FORMULA

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
A-DATA	AX3U1866GC2G9B(XMP)	2GB	SS	-	-	9-11-9-27	1.55~1.75	●	●	
A-DATA	AX3U1866GC4G9B(XMP)	4GB	DS	-	-	9-11-9-27	1.55~1.75	●	●	●
CORSAIR	CMT32GX3M4X1866C9(Ver3.23)(XMP)	32GB (4x 8GB)	DS	-	-	9-10-9-27	1.5	●	●	
CORSAIR	CMZ32GX3M4X1866C10(Ver3.23)(XMP)	32GB (4x 8GB)	DS	-	-	10-11-10-27	1.5	●	●	●
CORSAIR	CMZ8GX3M2A1866C9(XMP)	8GB (2x 4GB)	DS	-	-	9-10-9-27	1.5	●	●	●
Crucial	BLE4G3D1869DE1XT0.16FMD(XMP)	4GB	DS	-	-	9-9-9-27	1.5	●	●	●
G.SKILL	F3-14900CL9Q-16GBXL(XMP)	16GB (4x 4GB)	DS	-	-	9-10-9-28	1.5	●	●	●
G.SKILL	F3-14900CL9Q-16GBZL(XMP)	16GB (4x 4GB)	DS	-	-	9-10-9-28	1.5	●	●	●
G.SKILL	F3-14900CL10Q2-64GBZLD(XMP)	64GB (8x 8GB)	DS	-	-	10-11-10-30	1.5	●	●	●
G.SKILL	F3-14900CL9D-8GBSR(XMP)	8GB (2x 4GB)	DS	-	-	9-10-9-28	1.5	●	●	●
G.SKILL	F3-14900CL9Q-8GBFLD(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.6	●	●	●
Patriot	PXD34G1866ELK(XMP)	4GB (2x 2GB)	SS	-	-	9-9-9-24	1.65	●	●	●
Patriot	PXD38G1866ELK(XMP)	8GB (2x 4GB)	DS	-	-	9-11-9-27	1.65	●	●	●
Patriot	PXD38G1866ELK(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.65	●	●	●
Team	TXD34096M1866HC9K-L(XMP)	4GB	DS	Hynix	H5TC2G83BFRH9A	9-11-9-27	1.65	●	●	●

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 eithor the red slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM**: Supports 4 modules inserted into both the red 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.

MAXIMUS V FORMULA

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-14400CL9D-4GBRL(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.6	●	●	●

DDR3 1800 Qualified Vendors List (QVL) *(table header)*

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 eithor the red slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM**: Supports 4 modules inserted into both the red 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.

MAXIMUS V FORMULA

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	●	●	●
AMD	AE32G1609U1-U	2GB	SS	AMD	23EY4587MB6H	-	1.5	●	●	●
AMD	AE34G1609U2-U	4GB	DS	AMD	23EY4587MB6H	-	1.5	●	●	●
AMD	AP38G1608U2K(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-28	1.65	●	●	●
Apacer	78.B1GE3.9L10C	4GB	DS	Apacer	AM5D5908DEQSCK	-	1.65	●	●	●
Apacer	AHU04GFA60C9Q1D(XMP)	4GB	DS	-	-	9-9-9-27	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	SLA302G08-EGN1C	4GB	DS	ASint	302G08-GN1C	-	-	●	●	●
Asint	SLB304G08-EGN1B	8GB	DS	ASint	304G08-GN1B	-	-	●	●	●
Asint	SLZ302G08-EGN1C	2GB	SS	ASint	302G08-GN1C	-	-	●	●	●
Asint	SLZ3128M8-EGJ1D(XMP)	2GB	DS	Asint	3128M8-GJ1D	-	-	●	●	●
ATP	AQ12M64B8BKK0S	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 (8x 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-I16(XMP)	4GB(2x 2GB)	DS	-	-	9	-	●	●	●
EK Memory	EKM324L28BP8-I16(XMP)	4GB(2 x 2GB)	DS	-	-	9	-	●	●	●
Elixir	M2X2G64CB88G7N-DG(XMP)	2GB	SS	Elixir	N2CB2G80GN-DG	9-9-9-28	-	●	●	●
Elixir	M2X4G64CB8HG5N-DG(XMP)	4GB	DS	Elixir	N2CB2G80GN-DG	9-9-9-28	-	●	●	●
Elixir	M2X8G64CB8HB5N-DG(XMP)	8GB	DS	Elixir	N2CB4G80BN-DG	9-9-9-28	1.5	●	●	●
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 (2x4GB)	DS	-	-	8-8-8-24	1.35	●	●	●
G.SKILL	F3-12800CL9D-8GBRL(XMP)	8GB (2x4GB)	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	GET316GB1600C9QC(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	KHX1600C9D3K4/16GX(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-24	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	KHX1600C9D3LK2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.35	●	●	●
Kingston	KHX1600C9D3LK2/8GX(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.35	●	●	●
KINGSTON	KHX1600C9D3P1K2/8G	8GB (2x 4GB)	DS	-	-	9	1.5	●	●	●
KINGSTON	KHX1600C9D3T1BK3/12GX(XMP)	12GB (3x 4GB)	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	●	●	●
Kingston	KVR16N11/4	4G	DS	Hynix	H5TQ2G83CFRPBC	-	1.5	●	●	●
KINGTIGER	KTG2G1600PG3(XMP)	2GB	DS	-	-	-	-	●	●	●
MICRON	MT16KTF51264AZ-1G6M1	4GB	DS	MICRON	D9PFJ	-	-	●	●	●
MICRON	MT8KTF25664AZ-1G6M1	2GB	SS	MICRON	D9PFJ	-	-	●	●	●
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	OCZ3BE1600C8LV4GK	4GB(2x 2GB)	DS	-	-	8-8-8	1.65	●	●	●
Patriot	PGD316G1600ELK(XMP)	16GB (2x 8GB)	DS	-	-	-	1.65	●	●	●
Patriot	PGD38G1600ELK(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.65	●	●	●
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-4G68HP-16KZ	4GB	DS	Hynix	H5TQ2G83BFRPBC	-	1.5	●	●	●
SanMax	SMD-4G68NG-16KK	4GB	DS	ELPIDA	J2108BDBG-GN-F	-	-	●	●	●
Silicon Power	SP002GBLTU160V02(XMP)	2GB	SS	S-POWER	20YT5NG	9-11-11-28	1.5	●		●
Silicon Power	SP004GBLTU160V02(XMP)	4GB	DS	S-POWER	20YT5NG	9-9-9-24	1.5	●	●	●
Team	TED34096M1600HC11	4GB	DS	Team	T3D2568ET-16	-	-	●	●	●
Team	TXD31024M1600C8-D(XMP)	1GB	SS	Team	T3D1288RT-16	8-8-8-24	1.65	●	●	●
Team	TXD32048M1600C7-L(XMP)	2GB	DS	Team	T3D1288LT-16	7-7-7-24	1.65	●	●	●
Team	TXD32048M1600HC8-D(XMP)	2GB	DS	Team	T3D1288RT-16	8-8-8-24	1.65	●	●	●
Team	TXD34096M1600HC9-D(XMP)	4GB	DS	Hynix	H5TC2G83BFRH9A	9-9-9-24	1.5	●	●	●

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 eithor the red slots or the black slots as one pair of Dual-channel memory configuration
- **4 DIMM**: Supports 4 modules inserted into both the red 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.

-Memory module with memory frequency higher than 2133 MHz and its corresponding timing or the loaded XMP Profile is not the JEDEC memory standard. The stability and compatibility of these memory modules depend on the CPU's capabilities and other installed devices.

-Always install DIMMs with the same CAS latency. For optimal compatibility, we recommend that you install memory modules of the same version or date code (D/C) from the same vendor. Check with the retailer to get the correct memory modules.

MAXIMUS V FORMULA

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	ACT1GHU64B8F1333S	1GB	SS	SAMSUNG	K4B1G0846F	-	-	•	•	•
ACTICA	ACT1GHU72C8G1333S	1GB	SS	SAMSUNG	K4B1G0846F(ECC)	-	-	•	•	•
ACTICA	ACT2GHU64B8G1333M	2GB	DS	Micron	D9KPT	-	-	•	•	•
ACTICA	ACT2GHU64B8G1333S	2GB	DS	SAMSUNG	K4B1G0846F	-	-	•	•	•
ACTICA	ACT2GHU72D8G1333M	2GB	DS	Micron	D9KPT(ECC)	-	-	•	•	•
ACTICA	ACT2GHU72D8G1333S	2GB	DS	SAMSUNG	K4B1G0846F(ECC)	-	-	•	•	•
ACTICA	ACT4GHU64B8H1333H	4GB	DS	Hynix	H5TQ2G83AFR	-	-	•	•	•
ACTICA	ACT4GHU72D8H1333H	4GB	DS	Hynix	H5TQ2G83AFR(ECC)	-	-	•	•	•
A-DATA	AD63I1B0823EV	2GB	SS	A-DATA	3CCA-1509A	-	-	•	•	•
A-DATA	AD63I1C1624EV	4GB	DS	A-DATA	3CCA-1509A	-	-	•	•	•
A-DATA	AXDU1333GC2G9(XMP)	2GB	SS	-	-	9-9-9-24	1.25~1.35	•	•	•
A-DATA	SU3U1333W8G9(XMP)	8GB	DS	ELPIDA	J4208BASE-DJ-F	-	-	•	•	•
AMD	AE32G1339U1-U	2GB	SS	AMD	23EY4587MB3H	-	1.5	•	•	•
AMD	AE34G1339U2-U	4GB	DS	AMD	23EY4587MB3H	-	1.5	•	•	•
Apacer	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808FEQSBG	9	-	•	•	•
Apacer	78.B1GDE.9L10C	4GB	DS	Apacer	AM5D5908CEHSBG	9	-	•	•	•
Asint	SLA302G08-EDJ1C	2GB	SS	ASint	302G08-DJ1C	-	-	•	•	•
Asint	SLZ302G08-EDJ1C	4GB	DS	ASint	302G08-DJ1C	-	-	•	•	•
ATP	AQ12M72E8BKH9S	4GB	DS	SAMSUNG	K4B2G0846C(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	M2F2G64CB88D7N-CG	2GB	SS	Elixir	M2CB2G80DN-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	GET316GB1333C9QC	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	-	-	•	•	•
INNODISK	M3UN-2GHJBC09	2GB	SS	Hynix	H5TQ2G83CFRH9C	9-9-9-24	-	•	•	•
INNODISK	M3UN-4GHJAC09	4GB	DS	Hynix	H5TQ2G83CFRH9C	9-9-9-24	-	•	•	•
KINGMAX	FLFE85F-B8KL9	2GB	DS	KINGMAX	KFB8FNLXL-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	D1288JPNDPLD9U	9	1.5	•	•	•
KINGSTON	KVR1333D3N9H/8G	8GB	DS	ELPIDA	J4208EASE-DJ-F	9-9-9-24	1.5	•	•	•
KINGSTON	KVR1333D3N9K2/4G	4GB (2x 2GB)	DS	KINGSTON	D1288JEMFPGD9U	-	1.5	•	•	•
KINGSTON	KVR1333D3S8N9/2G	2GB	SS	Micron	IFD77 D9LGK	-	1.5	•	•	•
KINGTIGER	F10DA2T1680	2GB	DS	KINGTIGER	KTG1333PS1208NST-C9	-	-	•	•	•
KINGTIGER	KTG2G1333PG3	2GB	DS	-	-	-	-	•	•	•
Mach Xtreme	MXD3U133316GQ	16GB (4x 4GB)	DS	-	-	-	-	•	•	•
Mach Xtreme	MXD3V13332GS	2GB	SS	Mach Xtreme	C2S46D30-D313	-	-	•	•	•
MICRON	MT8JTF25664AZ-1G4M1	2GB	SS	MICRON	D9PFJ	-	-	•	•	•
OCZ	OCZ3G1333LV4GK	4GB (2x 2GB)	DS	-	-	9-9-9	1.65	•	•	•
OCZ	OCZ3G1333LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•	•	•
OCZ	OCZ3G1333LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•	•	•
OCZ	OCZ3RPR1333C9LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•	•	•
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	Prtriot	PM128M8D3BU-15	9	-	•	•	•
RiDATA	C304627CB1AG22Fe	2GB	DS	RiDATA	C304627CB1AG22Fe	9	-	•	•	•
RiDATA	E304459CB1AG32Cf	4GB	DS	RiDATA	E304459CB1AG32Cf	9	-	•	•	•
SAMSUNG	M378B1G73AH0-CH9	8GB	DS	SAMSUNG	K4B4G0846A-HCH9	-	-	•	•	•
SAMSUNG	M378B5273CH0-CH9	4GB	DS	SAMSUNG	K4B2G0846C	K4B2G0846C	-	•	•	•
SAMSUNG	M378B5673FH0-CH9	2GB	DS	SAMSUNG	K4B1G0846F	-	-	•	•	•
Silicon Power	SP001GBLTE133S01	1GB	SS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•
Silicon Power	SP001GBLTU133S02	1GB	SS	S-POWER	10YT3E5	9	-	•	•	•
Silicon Power	SP002GBLTE133S01	2GB	DS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•
Silicon Power	SP002GBLTU133V02	2GB	SS	S-POWER	20YT3NG	9-9-9-24	-	•	•	
Silicon Power	SP004GBLTU133V02	4GB	DS	S-POWER	20YT3NG	9-9-9-24	-	•	•	•
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 C9LGK	-	-	•	•	•
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 D9LGK	9	-	•	•	•

Transcend	TS256MLK64V3N (566577)	2GB	SS	Hynix	H5TQ2G83BFR	9	-	•	•	•
Transcend	TS256MLK64V3N (574206)	2GB	SS	Micron	D9LGK	9	-	•	•	•
Transcend	TS256MLK64V3NL	2GB	SS	Hynix	H5TQ2G83CFRH9C	-	-	•	•	•
Transcend	TS512MLK64V3N (585538)	4GB	DS	Micron	IED27 D9LGK	9	-	•	•	•
Transcend	TS512MLK64V3N (574831)	4GB	DS	Micron	D9LGK	9	-	•	•	•
Transcend	TS512MLK64V3NL	4GB	DS	Hynix	H5TQ2G83CFRH9C	-	-	•	•	•

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 eithor the red slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM**: Supports 4 modules inserted into both the red 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.

-Memory module with memory frequency higher than 2133 MHz and its corresponding timing or the loaded XMP Profile is not the JEDEC memory standard. The stability and compatibility of these memory modules depend on the CPU's capabilities and other installed devices.

-Always install DIMMs with the same CAS latency. For optimal compatibility, we recommend that you install memory modules of the same version or date code (D/C) from the same vendor. Check with the retailer to get the correct memory modules.