

RAMPAGE III FORMULA X58 Memory QVL (Qualified Vendors Lists)

DDR3 2400 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	3 DIMM	4 DIMM	6 DIMM
G.SKILL	F3-19200CL9D-4GBPIS(XMP)	4G ( 2x 2G )	DS	-	-	9-11-9-28	1.65	●	●	●	

DDR3 2200 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	3 DIMM	4 DIMM	6 DIMM
G.SKILL	F3-17600CL8D-4GBPS(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.65	●			

DDR3 2133 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	3 DIMM	4 DIMM	6 DIMM
G.SKILL	F3-17066CL9D-4GBTDS(XMP)	4GB ( 2x 2GB )	DS	-	-	-	1.65	●	●	●	
G.SKILL	F3-17066CL8D-4GBPS(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.65	●	●		
G.SKILL	F3-17066CL9D-4GBTD(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●	●	
G.SKILL	F3-17066CL9T-6GB-T	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●		
GEIL	GE34GB2133C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	1.65	●	●	●	
GEIL	GU34GB2133C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	1.65	●	●	●	
KINGSTON	KHX2133C9D3T1K2/4GX(XMP)	4GB ( 2x 2GB )	DS	-	-	-	1.65	●	●	●	
KINGSTON	KHX2133C8D3T1K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	8	1.65	●			
Patriot	PVV34G2133C9K(XMP)	4GB ( 2x 2GB )	DS	-	-	9-11-9-27	1.66	●	●	●	

DDR3 2000 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	3 DIMM	4 DIMM	6 DIMM
Apacer	78.AAGD5.9KD(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-27	-	●	●	●	
CORSAIR	CMT6GX3M3A2000C8(XMP)	6GB ( 3x 2GB )	DS	-	-	8-9-8-24	1.65	●	●	●	●
Crucial	BL12864BE2009.8SFB3(EPP)	1GB	SS	-	-	9-9-9-28	2	●	●	●	
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	●	●	●	
G.SKILL	F3-16000CL7T-6GBPS(XMP)	6GB(3 x 2GB)	DS	-	-	7-8-7-20	1.65	●	●		
G.SKILL	F3-16000CL9T-6GBPS(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●		
G.SKILL	F3-16000CL9T-6GBTD(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.6	●	●	●	
G.SKILL	F3-16000CL7Q-8GBFLS(XMP)	8GB(4 x 2GB)	DS	-	-	7-9-7-24	1.65	●	●	●	
GEIL	GU34GB2000C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	2	●	●	●	
GEIL	GE38GB2000C9QC(XMP)	8GB(4 x 2GB)	DS	-	-	9-9-9-28	1.65	●		●	
KINGSTON	KHX2000C9AD3T1K2/4GX(XMP)	4GB ( 2x 2GB )	DS	-	-	9	1.65	●	●		
KINGSTON	KHX2000C9D3T1K2/4GX(XMP)	4GB ( 2x 2GB )	DS	-	-	-	1.65	●	●	●	
OCZ	OCZ3B2000LV6GK	6GB(3 x 2GB)	DS	-	-	7-8-7	1.65	●			
Transcend	N/A(XMP)	6GB ( 3x 2GB )	DS	-	-	-	-	●	●	●	●
Patriot	PVT36G2000LLK(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8-24	1.65	●	●	●	
Silicon Power	SP002GBLYU200S02(XMP)	2GB	DS	-	-	-	-	●	●	●	●
Team	TXD32048M2000C9(XMP)	2GB	DS	Team	T3D1288R T-20	9-9-9-24	1.5	●	●	●	●
Team	TXD32048M2000C9-L(XMP)	2GB	DS	Team	T3D1288L T-20	9-9-9-24	1.5	●	●	●	
Team	TXD32048M2000C9-L(XMP)	2GB	DS	Team	T3D1288R T-20	9-9-9-24	1.6	●		●	●

DDR3 1866 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	3 DIMM	4 DIMM	6 DIMM
CORSAIR	CMT6GX3M3A1866C9(XMP)	6GB ( 3x 2GB )	DS	-	-	9-9-9-24	1.65	●	●	●	●
G.SKILL	F3-15000CL9D-4GBRH (XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●		
G.SKILL	F3-15000CL9D-4GBTD(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●		
KINGSTON	KHX1866C9D3T1K3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	9	1.65		●	●	
OCZ	OCZ3RPR1866C9LV3GK	3GB(3 x 1GB)	SS	-	-	9-9-9	1.65				
OCZ	OCZ3P1866LV4GK	4GB(2 x 2GB)	DS	-	-	9-9-9	1.65		●	●	
OCZ	OCZ3P1866C9LV6GK	6GB(3 x 2GB)	DS	-	-	9-9-9	1.65	●		●	●
OCZ	OCZ3RPR1866C9LV6GK	6GB(3 x 2GB)	DS	-	-	9-9-9	1.65	●	●		

Super Talent	W1866UX2G8(XMP)	2GB(2 x 1GB)	SS	-	-	8-8-8-24	-	●	●		
Team	TXD32048M1866C9(XMP)	2GB	DS	Team	T3D1288R T-16	9-9-9-24	1.65	●	●	●	●

DDR3 1800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	3 DIMM	4 DIMM	6 DIMM
G.SKILL	F3-14400CL6D-4GBFLS(XMP)	4GB(2 x 2GB)	DS	-	-	6-8-6-24	1.65	●	●	●	
G.SKILL	F3-14400CL9D-4GBRL(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.6	●	●	●	
KINGSTON	KHX1800C9D3T1K3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	-	1.65	●	●	●	●
OCZ	OCZ3P18002GK	2GB(2 x 1GB)	SS	-	-	8	-	●			
OCZ	OCZ3P18004GK	4GB(2 x 2GB)	DS	-	-	8	1.9		●		

DDR3 1600 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	3 DIMM	4 DIMM	6 DIMM
CORSAIR	TR3X3G1600C8DVer2.1(XMP)	3GB(3 x 1GB)	SS	-	-	8-8-8-24	1.65	●	●	●	●
CORSAIR	CMG4GX3M2A1600C6	4GB ( 2x 2GB )	DS	-	-	6-6-6-18	1.65	●	●	●	●
CORSAIR	CMD4GX3M2B1600C8	4GB( 2x 2GB )	DS	-	-	8-8-8-24	1.65	●		●	
CORSAIR	CMG4GX3M2A1600C6	4GB( 2x 2GB )	DS	-	-	6-6-6-18	1.65	●	●		
CORSAIR	CMX4GX3M2A1600C8(XMP)	4GB( 2x 2GB )	DS	-	-	8-8-8-24	1.65		●		
CORSAIR	CMG4GX3M2A1600C7(XMP)	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.65	●	●		
CORSAIR	CMX4GX3M2A1600C9(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●		
CORSAIR	TR3X6G1600C8D	6GB(3 x 2GB)	DS	-	-	8-8-8-24	1.65		●		
CORSAIR	TR3X6G1600C8DVer2.1(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8-24	1.65	●	●	●	
CORSAIR	TR3X6G1600C9Ver2.1(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●	●	●
CORSAIR	CMX8GX3M4A1600C9(XMP)	8GB(4 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●		
Crucial	BL12864BN1608.8FF(XMP)	2GB( 2x 1GB )	SS	-	-	8-8-8-24	1.65	●			
Crucial	BL25664BN1608.16FF(XMP)	2GB	DS	-	-	8-8-8-24	1.65	●	●	●	●
G.SKILL	F3-12800CL9D-4GBNG	4GB( 2x 2GB )	SS	-	-	-	1.6	●	●		
G.SKILL	F3-12800CL9D-4GBRL	4GB(2 x 2GB)	SS	-	-	-	1.6	●	●		
G.SKILL	F3-12800CL7D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	7-8-7-24	-	●	●	●	
G.SKILL	F3-12800CL7D-4GBRH(XMP)	4GB(2 x 2GB)	DS	-	-	7-7-7-24	1.65	●	●	●	●
G.SKILL	F3-12800CL8D-4GBRM(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.6	●	●	●	●
G.SKILL	F3-12800CL9D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.35	●	●	●	●
G.SKILL	F3-12800CL8T-6GBPI(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8-21	1.6~1.65		●		●
G.SKILL	F3-12800CL9T-6GBNQ	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.5-1.6	●	●		
GEIL	GE34GB1600C9DC(XMP)	4GB ( 2x 2GB )	DS	-	-	9-9-9-28	1.6	●			
GEIL	GV34GB1600C8DC(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-28	1.6	●	●	●	
KINGMAX	FLGD45F-B8MF7(XMP)	1GB	SS	-	-		-	●	●	●	●
OCZ	OCZ3P1600LV3GK	3GB(3 x 1GB)	SS	-	-	7-7-7	1.65	●	●	●	
OCZ	OCZ3BE1600C8LV4GK	4GB( 2x 2GB )	DS	-	-	8-8-8	1.65	●			
OCZ	OCZ3BE1600C8LV4GK	4GB( 2x 2GB )	DS	-	-	8-8-8	1.65	●	●	●	
OCZ	OCZ3OB1600LV4GK	4GB(2 x 2GB)	DS	-	-	9-9-9	1.65	●	●	●	
OCZ	OCZ3P1600EB4GK	4GB(2 x 2GB)	DS	-	-	7-7-6	1.8			●	●
OCZ	OCZ3P1600LV4GK	4GB(2 x 2GB)	DS	-	-	7-7-7	1.65	●	●		
OCZ	OCZ3X1600LV4GK(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8	1.65	●	●	●	
OCZ	OCZ3FXE1600C7LV6GK	6GB ( 3x 2GB )	DS	-	-	7-7-7	1.65	●	●		
OCZ	OCZ3FXE1600C7LV6GK	6GB(3 x 2GB)	DS	-	-	7-7-7	1.65	●	●		
OCZ	OCZ3G1600LV6GK	6GB(3 x 2GB)	DS	-	-	8-8-8	1.65	●	●		
OCZ	OCZ3X1600LV6GK(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8	1.65	●	●	●	●
OCZ	OCZ3X1600LV6GK(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8	1.65	●	●	●	●
Super Talent	WP160UX4G8(XMP)	4GB(2 x 2GB)	DS	-	-	8	-	●	●		
Super Talent	WP160UX4G9(XMP)	4GB(2 x 2GB)	DS	-	-	9	-	●	●	●	
Super Talent	WB160UX6G8(XMP)	6GB(3 x 2GB)	DS	-	-	-	-	●	●	●	
Super Talent	WB160UX6G8(XMP)	6GB(3 x 2GB)	DS	-	-	8	-	●	●	●	
EK Memory	EKM324L28BP8-I16(XMP)	4GB( 2x 2GB )	DS	-	-	9	-	●	●	●	
EK Memory	EKM324L28BP8-I16(XMP)	4GB(2 x 2GB)	DS	-	-	9	-	●	●	●	

Elixir	M2Y2G64CB8HA9N-DG(XMP)	2GB	DS	-	-	-	-				
GoodRam	GR1600D364L9/2G	2GB	DS	GoodRam	GF1008K C-JN	-	-	●	●	●	●
KINGTIGER	KTG2G1600PG3(XMP)	2GB	DS	-	-	-	-	●	●	●	
Mushkin	996805(XMP)	4GB ( 2x 2GB )	DS	-	-	6-8-6-24	1.65	●	●	●	●
Mushkin	996657	4GB(2 x 2GB)	DS	-	-	7-7-7-20	-				
Mushkin	998805(XMP)	6GB ( 3x 2GB )	DS	-	-	6-8-6-24	1.65	●	●	●	
Patriot	PVT33G1600ELK	3GB(3 x 1GB)	SS	-	-	9-9-9-24	1.65	●	●		
Patriot	PGS34G1600LLKA2	4GB ( 2x 2GB )	DS	-	-	8-8-8-24	1.7	●	●	●	●
Patriot	PGS34G1600LLKA	4GB( 2x 2GB )	DS	-	-	7-7-7-20	1.7	●	●	●	●
PATRIOT	PGS34G1600LLKA	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.7	●	●	●	
Patriot	PVS34G1600ELK	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.8	●	●		
Patriot	PVS34G1600LLKN	4GB(2 x 2GB)	DS	-	-	7-7-7-20	2.0	●	●	●	
Patriot	PVT36G1600ELK	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●	●	
Patriot	PVT36G1600ELK	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65	●	●	●	
Patriot	PVT36G1600LLK(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8-24	1.65	●	●	●	
Team	TXD31024M1600C8-D(XMP)	1GB	SS	Team	T3D1288R T-16	8-8-8-24	1.65	●	●	●	●
Team	TXD32048M1600C7-L(XMP)	2GB	DS	Team	T3D1288L T-16	7-7-7-24	1.65			●	
Team	TXD32048M1600C8-D(XMP)	2GB	DS	Team	T3D1288R T-16	8-8-8-24	1.65	●	●	●	●
Team	TXD32048M1600HC8-D(XMP)	2GB	DS	Team	T3D1288R T-16	8-8-8-24	1.65	●	●	●	●

6 DIMM Slots

- **2 DIMM**: Supports two (2) modules inserted into slot A1 and B1 as one pair of Dual-channel memory configuration
- **3 DIMM**: Supports three (3) modules inserted into the orange slots (A1, B1 and C1) as one set of Triple-channel memory configuration
- **4 DIMM**: 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
- **6 DIMM**: Supports six (6) modules inserted into both the orange slots and the black slots as two set of Triple-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.