

H110M-D

DDR4 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
SAMSUNG	M378A5143DB 0-CPB	4G(4GB*1)	SS	SEC 428 BCPB	K4A4G085WD	13-13-13-39	1.5V	●	●
SAMSUNG	M378A1G43DB 0-CPB	8G(8GB*1)	DS	SEC 428 BCPB	K4A4G085WD	13-13-13-33	1.5V	●	●
G.SKILL	F4-2133C15Q- 32GRK	32GB(8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
G.SKILL	F4-2133C15Q- 16GRB	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
GLOWAY	PC4-17000	4G	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
KINGSTON	HX421C13PBK 4/16	16GB(4GB*4)	SS	N/A	Heat-Sink Package		1.2V	●	●
KINGSTON	HX421C14FB/8	8G(8GB*1)	DS	N/A	Heat-Sink Package	14-14-14-35	1.2V	●	●
KINGSTON	HX421C14FBK 4/32	32GB(8GB*4)	DS	N/A	Heat-Sink Package		1.2V	●	●
KINGSTON	KVR21N15S8/4	4G(4GB*1)	SS	SK HYNIX	H5AN4G8NMF R		1.2V	●	●
KINGSTON	KVR21N15D8/8	8G(8GB*1)	DS	SK HYNIX	H5AN4G8NMF R		1.2V	●	●
PANRAM	PUD42133C138 G4NJW	32GB(8GB*4)	DS	N/A	Heat-Sink Package	13-13-13-35	1.2V	●	●
PANRAM	PUD42133C134 G4NJW	16GB(4GB*4)	SS	N/A	Heat-Sink Package	13-13-13-35	1.2V	●	●
CORSAIR	CMK16GX4M4 A2133C15	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	●	●
CORSAIR	CMV4GX4M1A 2133C15	4G(4GB*1)	SS	N/A	4GA72Z9RGR	13-13-13-33	1.5V	●	●
CORSAIR	CMV8GX4M1A 2133C15	8G(8GB*1)	DS	SEC 446 BCPB	K4A4G085WD	13-13-14-33	1.5V	●	●
CRUCIAL	MTA8ATF51264 AZ-2G1A1	4G	SS	MICRON	4QA77D9RCQ	13-13-13-33	1.2V	●	●
CENTURY	PX4-17000	8G	DS	SK HYNIX	H5AN4G8NMF R			●	●
TEAM	TED48GM2133 C15BK	8G	DS	SEC 437BCBP	K4A4G085WD	15-15-15-36	1.2V	●	●
TEAM	TED44GM2133 C15BK	4G	SS	SEC 443 BCBP	K4A4G085WD	15-15-15-36	1.2V	●	●
APACER	78.C1GM3.AF1 0B	8G	DS	SK HYNIX	H5AN4G8NMF R	14-14-14-33	1.5V	●	●
APACER	AU04GGB13CD TBGC	4G	SS	SK HYNIX	H5AN4G8NMF R	14-14-14-33	1.5V	●	●
TEKISM	T4U2133B8G15 -SAD	8G	DS	SEC 446 BCPB	K4A4G085WD			●	●

DDR4 2400 Qualified Vendors List (QVL)

ADATA	AX4U2400W8G 16-DRZ	32GB(8GB*4)	DS	N/A	Heat-Sink Package	16-16-16	1.2V	●	●
G.SKILL	F4-2400C15Q- 32GRB	32GB(8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
G.SKILL	F4-2400C14Q2- 128GRK	128GB(16GB*8)	DS	N/A	Heat-Sink Package	14-14-14-34	1.2V	●	●
G.SKILL	F4-2400C14Q- 16GRK	16GB(4GB*4)	SS	N/A	Heat-Sink Package	14-14-14-34	1.2V	●	●
G.SKILL	F4-2400C15Q- 16GRR	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
G.SKILL	F4-2400C15S- 8GRK	8G(8GB*1)	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
PATRIOT	PX416G240C5 QK	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
GLOWAY	PC4-19200	4G	SS	GLOWAY	512X8DDR4	16-16-16-35	1.2V	●	●
TEAM	TED44GM2400 C16BK	4G	SS	SEC 437 BCPB	K4A4G085WD	16-16-16-39	1.2V	●	●
TEAM	TED48GM2400 C16BK	8G	DS	SEC 443 BCPB	K4A4G085WD	16-16-16-39	1.2V	●	●
PANRAM	PUD42400C154 G4NJW	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
PANRAM	PUD42400C158 G4NJW	8G	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
CORSAIR	CMK32GX4M4 A2400C14	32GB(8GB*4)	DS	N/A	Heat-Sink Package	14-16-16-31	1.2V	●	●
CRUCIAL	BLS4K4G4D24 0FSA	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●	●
CRUCIAL	CT16G4RFS42 4A.18FA1	16G	DS	MICRON	5JA47D9SRK		1.2V	●	●
ADATA	AX4U2400W4G 16-DRZ	8GB(4GB*2)	SS	N/A	Heat-Sink Package	16-16-16	1.2V	●	●
GEIL	GPR416GB240 0C15QC	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●
MUSHKIN	997199F	8GB(4GB*2)	DS	N/A	Heat-Sink Package	15-15-15-35-50	1.2V	●	●
KINGSTON	HX424C15FBK 4/32	32GB(8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-35-57	1.2V	●	●
KINGSTON	HX424C15FBK 4/16	16GB(4GB*4)	SS	N/A	Heat-Sink Package		1.2V	●	●
APACER	78.C1GMA.AF3 0B	8G	DS	SK HYNIX	H5AN4G8NMF R	16-16-16-36	1.2V	●	●
APACER	78.B1GMA.AF2 0B	4G	SS	SK HYNIX	H5AN4G8NMF R	16-16-16-36	1.2V	●	●
AVEXIR	AVD4UZ124001 608G-4COR	8G	DS	N/A	Heat-Sink Package		1.2V	●	●
AVEXIR	AVD4UZ124001 604G-4COB	4G	SS	N/A	Heat-Sink Package		1.2V	●	●

DDR4 2666 Qualified Vendors List (QVL)										
CORSAIR	CMK16GX4M4 A2666C16	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-16-18-35	1.2V	●	●	
CORSAIR	CMD32GX4M4 A2666C15(Ver5)	32GB(8GB*4)	DS	N/A	Heat-Sink Package	15-17-17-35	1.2V	●	●	
CORSAIR	CMD128GX4M8 A2666C15	128GB(16GB*8)	DS	N/A	Heat-Sink Package	15-18-18-35	1.2V	●	●	
CRUCIAL	BLE4G4D26AF EA.8FAD	8G	SS	N/A	Heat-Sink Package	16-16-17-36	1.2V	●	●	
CRUCIAL	BLE8G4D26AF EA.16FAD	8G	DS	N/A	Heat-Sink Package	16-16-17-36	1.2V	●	●	
G.SKILL	F4-2666C15Q- 16GRR	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●	
PATRIOT	PX416G266C5 QK	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●	
G.SKILL	F4-2666C16Q2- 64GRB	64GB(8GB*8)	DS	N/A	Heat-Sink Package	16-16-16-36	1.2V	●	●	
TEAM	TCD48G2666C 15ABK	8G	DS	SK HYNIX	H5AN4G8NMF R	15-15-15-35	1.2V	●	●	
TEAM	TCD44G2666C 15ABK	4G	SS	SEC 443 BCPB	K4A4G085WD	15-15-15-35	1.2V	●	●	
MUSHKIN	997192F	8GB(4GB*2)	SS	N/A	Heat-Sink Package	15-15-15-35-50	1.2V	●	●	
KINGSTON	HX426C13PBK 4/32	32GB(8GB*4)	DS	N/A	Heat-Sink Package	13-14-14-39-60	1.35V	●	●	
KINGSTON	HX426C15FBK 4/32	32GB(8GB*4)	DS	N/A	Heat-Sink Package		1.2V	●	●	
AVEXIR	AVD4UZ126661 504G-4COB	16GB(4GB*4)	SS	N/A	Heat-Sink Package		1.2V	●	●	
AVEXIR	AVD4UZ126661 508G-4COB	32GB(8GB*4)	DS	N/A	Heat-Sink Package		1.2V	●	●	
DDR4 2800 Qualified Vendors List (QVL)										
CORSAIR	CMK16GX4M4 A2800C16	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-36	1.2V	●	●	
G.SKILL	HX428C14PB2 K4/16	16GB(4GB*4)	SS	N/A	Heat-Sink Package		1.35V	●	●	
G.SKILL	F4-2800C16Q- 16GRK	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-16-16-36	1.2V	●	●	
PATRIOT	PX416G280C6 QK	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-36	1.2V	●	●	
GLOWAY	PC4-22400	4G	SS	SK HYNIX	H5AN4G8NMF R	16-16-16-36	1.2V	●	●	
PANRAM	PUD42800C164 G4NJW	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-36	1.25V	●	●	
MUSHKIN	994207F	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-16-16-36-52	1.2V	●	●	
KINGSTON	HX428C14PBK 4/32	32GB(8GB*4)	DS	N/A	Heat-Sink Package	14-15-15-39-63	1.35V	●	●	
AVEXIR	AVD4UZ128001 604G-4COB	16GB(4GB*4)	SS	N/A	Heat-Sink Package		1.2V	●	●	
AVEXIR	AVD4UZ128001 608G-4COB	32GB(8GB*4)	DS	N/A	Heat-Sink Package		1.2V	●	●	
DDR4 3000 Qualified Vendors List (QVL)										
KINGSTON	HX430C15PB2 K4/16	16GB(4GB*4)	SS	N/A	Heat-Sink Package		1.35V	●	●	
G.SKILL	F4-3000C15Q- 16GRR	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.35V	●	●	
TEAM	TCD48G3000C 16ABK	8G	DS	TEAM	T4D5128HT-30	16-16-16-36	1.35V	●	●	
TEAM	TCD44G3000C 16ABK	4G	SS	TEAM	T4D5128HT-30	16-16-16-36	1.35V	●	●	
PANRAM	PUD43000C154 G4NJW	16GB(4GB*4)	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	●	●	
KINGSTON	HX430C15PBK 4/32	32GB(8GB*4)	DS	N/A	Heat-Sink Package	15-16-16-39-65	1.35V	●	●	
AVEXIR	AVD4UZ130001 604G-4COB	16GB(4GB*4)	SS	N/A	Heat-Sink Package		1.35V	●	●	
AVEXIR	AVD4UZ130001 608G-4COB	32GB(8GB*4)	DS	N/A	Heat-Sink Package		1.35V	●	●	
DDR4 3200+ Qualified Vendors List (QVL)										
PANRAM	PUD43200C164 G4NJW	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-39	1.35V	●	●	
MUSHKIN	997202F(3200)	8GB(4GB*2)	SS	N/A	Heat-Sink Package	16-16-16-36-50	1.35V	●	●	
G.SKILL	F4-3300C16Q- 16GRKD	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-16-16-36	1.35V	●	●	
ADATA	AX4U3333W4G 16-QGZ	32GB(8GB*4)	SS	N/A	Heat-Sink Package	16-16-16-16	1.35V	●	●	
GEIL	GLWR416GB34 00C16AQC	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-36	1.35V	●	●	
G.SKILL	F4-3400C16Q- 16GRBD	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-38	1.35V	●	●	
G.SKILL	F4-3466C16Q- 16GVK	16GB(4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-38	1.35V	●	●	
CORSAIR	CMD16GX4M4 B3466C18	16GB(4GB*4)	SS	N/A	Heat-Sink Package		1.35V	●	●	
G.SKILL	F4-3600-C17Q- 16GVK	16GB(4GB*4)	SS	N/A	Heat-Sink Package	17-18-18-38	1.35V	●	●	

*Supports Intel® Extreme Memory Profile (XMP)

*Due to Intel® chipset limitation, DDR4 2133 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR4 2133 Mhz.

*The maximum memory frequency supported varies by processor