

Qualified Vendors List (QVL), Model Name: GA-A320M-S2H

DDR4 3200MHz												
Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Timing	Voltage	Memory socket support		XMP	Native
									1	2		
HyperX	8GB	1Rx8	HX432C16PB3K4/32	SS	SKhynix		16-18-18	1.35v	v	v	v	2133
			HX432C16PB3K2/16	SS	SKhynix		16-18-18	1.35v	v	v	v	2133
CORSAIR	8GB	1Rx8	CMD64GX4M8B3200C16	SS			16-18-18-36	1.35v	v	v	v	2133
CORSAIR	8GB	1Rx8	CMK64GX4M8B3200C16	SS			16-18-18-36	1.35v	v	v	v	2133
G.SKILL	4GB	1Rx8	F4-3200C16Q-16GRKD	SS	SKhynix		16-16-16-36	1.35v	v	v	v	2133
G.SKILL	8GB	1Rx8	F4-3200C14Q2-64GVK	SS	Samsung		14-14-14-34	1.35v	v	v	v	2133
G.SKILL	8GB	1Rx8	F4-3200C15Q2-64GVR	SS			15-15-15-35	1.35v	v	v	v	2133
Apacer	4GB	1Rx8	78.BAGMD.AF20B	SS			16-16-16-36	1.35v	v	v	v	2133
Avexir	4GB	1Rx8	AVD4U32001604G-4CIR	SS			CL16	1.35v	v	v	v	2133

DDR4 3000MHz (downgrade to DDR4 2933MHz)												
Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Timing	Voltage	Memory socket support		XMP	Native
									1	2		
HyperX	8GB	1Rx8	HX430C15PB3K4/32	SS	SKhynix		C15	1.35v	v	v	v	2133
HyperX	8GB	1Rx8	HX430C15PB3K2/16	SS	SKhynix		C15	1.35v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMD16GX4M4B3000C15	SS	SKhynix		15-17-17-35	1.35v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMD16GX4M4B3000C14	SS			14-16-16-35	1.35v	v	v	v	2133
G.SKILL	8GB	1Rx8	F4-3000C15Q2-64GVR	SS			15-15-15-35	1.35v	v	v	v	2133
ADATA	4GB	1Rx8	AX4U3000W4G16-BWZ	SS			16-16-16	1.35	v	v	v	2133
ADATA	8GB	1Rx8	AX4U3000W8G16-DBZ	SS			16-18-18	1.35v	v	v	v	2133
Apacer	8GB	1Rx8	AHU08GG30CDU7V	SS			16-16-16-36	1.35	v	v	v	2133
Avexir	4GB	1Rx8	AVD4U30001604G-4CIR	SS			16-18-18-36	1.35v	v	v	v	2133
Avexir	8GB	1Rx8	AVD4UZ130001608G-4RD	SS			16-18-18-36	1.35v	v	v	v	2133
Avexir	8GB	1Rx8	AVD4UZ130001608G-2RD	SS			16-18-18-36	1.35v	v	v	v	2133
Avexir	8GB	1Rx8	AVD4UZ130001608G-4BZ1RR	SS	Samsung		16-18-18-36	1.35v	v	v	v	2133
			AVD4UZ130001608G-4BZ1GY						v	v	v	2133
			AVD4UZ130001608G-4BZ1SW						v	v	v	2133
GEIL	8GB	1Rx8	GEX416GB3000C15ADC	SS			15-17-17-35	1.35v	v	v	v	2133
KLEVV	4GB	1Rx8	KM4B4GX1A-3000-15-16-16-36-0	SS			15-16-16-36	1.2v	v	v	v	2400
KLEVV	4GB	1Rx8	KM4Z4GX1A-3000-15-16-16-36-1	SS			15-16-16-36	1.2v	v	v	v	2400
KLEVV	8GB	1Rx8	KM4B8GX1A-3000-15-16-16-36-0	SS			15-16-16-36	1.2v	v	v	v	2400
KLEVV	8GB	1Rx8	KM4Z8GX1A-3000-15-16-16-36-1	SS			15-16-16-36	1.2v	v	v	v	2400
Team	4GB	1Rx8	TLRED416G3000HC16CQC01	SS			16-18-18-38	1.35v	v	v	v	2133
Team	4GB	1Rx8	TLRED48G3000HC16CDC01	SS			16-18-18-38	1.35v	v	v	v	2133
Team	4GB	1Rx8	TLRED44G3000HC16C01	SS			16-18-18-38	1.35v	v	v	v	2133
V-Color	8GB	1Rx8	TL48G30S916B	SS			CL16	1.35v	v	v	v	2133

DDR4 2800MHz (downgrade to DDR4 2667MHz)												
Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Timing	Voltage	Memory socket support		XMP	Native
									1	2		
CORSAIR	4GB	1Rx8	CMD16GX4M4A2800C16	SS	Samsung		16-18-18-36	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMK16GX4M4A2800C16R	SS			16-18-18-36	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMD32GX4M4A2800C16 ver5.20	DS	SKhynix		16-18-18-36	1.2v	v	v	v	2133
G.SKILL	4GB	1Rx8	F4-2800C16Q-16GRK	SS			16-16-16-36	1.2v	v	v	v	2133
G.SKILL	8GB	2Rx8	F4-2800C16Q-32GRK	DS			16-16-16-36	1.2v	v	v	v	2133
G.SKILL	16GB	2Rx8	F4-2800C15Q2-128GRKD	DS			15-15-15-35	1.35v	v	v	v	2133
HyperX	4GB	1Rx8	HX428C14SB2K4/16	SS	SKhynix		C14	1.35v	v	v	v	2133
HyperX	4GB	1Rx8	HX428C14SB2K2/8	SS	SKhynix		C14	1.35v	v	v	v	2133
HyperX	4GB	1Rx8	HX428C14SB2/4	SS	SKhynix		C14	1.35v	v	v	v	2133
ADATA	4GB	1Rx8	AX4U2800W4G17-BRZ	SS			17-17-17-36	1.2v	v	v	v	2133
ADATA	8GB	2Rx8	AX4U2800W8G17-BRZ	DS			17-17-17-36	1.2v	v	v	v	2133
ADATA	8GB	2Rx8	AX4U2800W8G15-QRD	DS			CL15	1.35	v	v	v	2133
ADATA	8GB	1Rx8	AX4U280038G17-SBF	SS			17-17-17	1.2	v	v	v	2133
ADATA	16GB	2Rx8	AX4U2800316G16	DS			16-16-16-36	1.2v	v	v	v	2133
ADATA	16GB	2Rx8	AX4U2800316G16-SBF	DS			16-16-16	1.2v	v	v	v	2133
Avexir	4GB	1Rx8	AVD4U28001504G-4CIR	SS			CL15	1.2v	v	v	v	2133
Apacer	8GB	2Rx8	AHU08GG28CET6H	DS			17-17-17-36		v	v	v	2133
KLEVV	4GB	1Rx8	KM4C4GX4N-2800-16-16-16-36-0	SS			16-16-16-36	1.2v	v	v	v	2133
KLEVV	8GB	2Rx8	KM4C8GX4N-2800-16-16-16-36-0	DS			16-16-16-36	1.2v	v	v	v	2133
PATRIOT	4GB	1Rx8	PV48G280C6K	SS			CL16	1.2v	v	v	v	2133
PATRIOT	4GB	1Rx8	PVE48G280C6KGY	SS			CL16	1.2v	v	v	v	2133
PATRIOT	8GB	2Rx8	PV416G280C6K	DS			CL16	1.2v	v	v	v	2133
Team	4GB	1Rx8	TLRED416G2800HC16CQC01	SS			16-18-18-38	1.2v	v	v	v	2133
Team	4GB	1Rx8	TLRED48G2800HC16CDC01	SS			16-18-18-38	1.2v	v	v	v	2133
Team	4GB	1Rx8	TLRED44G2800HC16C01	SS			16-18-18-38	1.2v	v	v	v	2133
Team	8GB	2Rx8	TLRED432G2800HC16CQC01	DS			16-18-18-38	1.2v	v	v	v	2133
Team	8GB	2Rx8	TLRED416G2800HC16CDC01	DS			16-18-18-38	1.2v	v	v	v	2133
Team	8GB	2Rx8	TLRED48G2800HC16C01	DS			16-18-18-38	1.2v	v	v	v	2133
Team	16GB	2Rx8	THRD464G2800HC16CQC01	DS			16-18-18-38	1.2v	v	v	v	2133
Team	16GB	2Rx8	THRD432G2800HC16CDC01	DS			16-18-18-38	1.2v	v	v	v	2133
Team	16GB	2Rx8	THRD416G2800HC16C01	DS			16-18-18-38	1.2v	v	v	v	2133

DDR4 2667MHz												
Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Timing	Voltage	Memory socket support		XMP	Native
									1	2		
HyperX	4GB	1Rx8	HX426C13SB2K4/16	SS	SKhynix		CL13	1.35v	v	v	v	2133
HyperX	4GB	1Rx8	HX426C13SB2K2/8	SS	SKhynix		CL13	1.35v	v	v	v	2133
HyperX	4GB	1Rx8	HX426C13SB2/4	SS	SKhynix		CL13	1.35v	v	v	v	2133
HyperX	4GB	1Rx8	HX426C15FBK4/16	SS	SKhynix		CL15	1.2v	v	v	v	2666
HyperX	4GB	1Rx8	HX426C15FBK2/8	SS	SKhynix		CL15	1.2v	v	v	v	2666
HyperX	4GB	1Rx8	HX426C15FB/4	SS	SKhynix		CL15	1.2v	v	v	v	2666
HyperX	8GB	2Rx8	HX426C15FBK4/32	DS	SKhynix		CL15	1.2v	v	v	v	2666
HyperX	8GB	2Rx8	HX426C15FBK2/16	DS	SKhynix		CL15	1.2v	v	v	v	2666
HyperX	8GB	2Rx8	HX426C15FB/8	DS	SKhynix		CL15	1.2v	v	v	v	2666
HyperX	16GB	2Rx8	HX426C15SBK8/128	DS	SKhynix		CL15	1.2v	v	v	v	2133

HyperX	16GB	2Rx8	HX426C16FBK4/64	DS	Skhynix		CL16	1.2v	v	v	v	2400
CORSAIR	4GB	1Rx8	CMK16GX4M4A2666C15	SS	Samsung		15-17-17-35	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMK16GX4M4A2666C15R	SS	Samsung		15-17-17-35	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMD16GX4M4A2666C15	SS	Samsung		15-17-17-35	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMD16GX4M4A2666C16	SS	Samsung		16-18-18-35	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMD8GX4M2A2666C15	SS			15-17-17-35	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMD16GX4M4A2666C12 ver5.20	SS	Skhynix		12-14-14-35	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK32GX4M4A2666C15	DS	Samsung		15-17-17-35	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMD32GX4M4A2666C15	DS	Samsung		15-17-17-35	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMD32GX4M4A2666C16	DS	Samsung		16-18-18-35	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK64GX4M8A2666C16	DS	Samsung		16-18-18-35	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMU32GX4M4A2666C16 ver3.21	DS	Micron		16-18-18-35	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMU32GX4M4A2666C16R ver3.21	DS	Micron		16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16	DS			16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16R	DS			16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16W	DS			16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16 ver4.31	DS	Samsung		16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16W ver4.31	DS	Samsung		16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMD128GX4M8A2666C15	DS	Samsung		15-17-17-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK128GX4M8A2666C16	DS	Samsung		16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16R	DS			16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMU64GX4M4A2666C16	DS			16-18-18-35	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMD64GX4M4A2666C15	DS			15-17-17-35	1.2v	v	v	v	2133
Avexir	8GB	1Rx8	AVD4UZ126661708G-4COR	SS	Samsung	17-17-17-37	1.2v	v	v	v	2133	
			AVD4UZ126661708G-4COB					v	v	v	2133	
			AVD4UZ126661708G-4COG					v	v	v	2133	
			AVD4UZ126661708G-4COW					v	v	v	2133	
			AVD4UZ126661708G-4COY					v	v	v	2133	
			AVD4UZ126661708G-4COO					v	v	v	2133	
			AVD4UZ126661708G-4CWW					v	v	v	2133	
CRUCIAL	4GB	1Rx8	BLT4G4D26AFTA.8FADG	SS			16-17-17-36	1.2v	v	v	v	2400
CRUCIAL	4GB	1Rx8	BLE4G4D26AFAEA.8FADG	SS			16-17-17-36	1.2v	v	v	v	2400
CRUCIAL	8GB	2Rx8	BLT8G4D26AFTA.16FAD	DS	Micron		16-17-17-36	1.2v	v	v	v	2400
PATRIOT	4GB	1Rx8	PVE48G266C5KBL	SS			CL15	1.2v	v	v	v	2133
KLEVV	4GB	1Rx8	KM4Z4GX1N-2666-15-15-15-35-1	SS			15-15-15-35	1.2v	v	v	v	2400
KLEVV	8GB	1Rx8	KM4Z8GX1N-2666-15-15-15-35-1	SS			15-15-15-35	1.2v	v	v	v	2400
KLEVV	16GB	2Rx8	KM4Z16X1N-2666-15-15-15-35-1	SS			15-15-15-35	1.2v	v	v	v	2400
Team	4GB	1Rx8	TLRED416G2666HC15BQC01	DS			15-17-17-35	1.2v	v	v	v	2133
Team	4GB	1Rx8	TLRED48G2666HC15BDC01	SS			15-17-17-35	1.2v	v	v	v	2133
Team	4GB	1Rx8	TLRED44G2666HC15B01	SS			15-17-17-35	1.2v	v	v	v	2133
Team	8GB	2Rx8	TLRED432G2666HC15BQC01	DS			15-17-17-35	1.2v	v	v	v	2133
Team	8GB	2Rx8	TLRED416G2666HC15BDC01	DS			15-17-17-35	1.2v	v	v	v	2133
Team	8GB	2Rx8	TLRED48G2666HC15B01	DS			15-17-17-35	1.2v	v	v	v	2133
Team	16GB	2Rx8	THRD464G2666HC15BQC01	DS			15-17-17-35	1.2v	v	v	v	2133
Team	16GB	2Rx8	THRD432G2666HC15BDC01	DS			15-17-17-35	1.2v	v	v	v	2133
Team	16GB	2Rx8	THRD416G2666HC15B01	DS			15-17-17-35	1.2v	v	v	v	2133

DDR4 2400MHz

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Timing	Voltage	Memory socket support		XMP	Native
									1	2		
HyperX	4GB	1Rx8	HX424C12SB2K4/16	SS	SKhynix		C12	1.35v	v	v	v	2133
HyperX	4GB	1Rx8	HX424C12SB2K2/8	SS	SKhynix		C12	1.35v	v	v	v	2133
HyperX	4GB	1Rx8	HX424C12SB2/4	SS	SKhynix		C12	1.35v	v	v	v	2133
HyperX	8GB	2Rx8	HX424C12SB2K4/32	DS	SKhynix		C12	1.35v	v	v	v	2133
HyperX	8GB	2Rx8	HX424C12SB2K2/16	DS	SKhynix		C12	1.35v	v	v	v	2133
HyperX	8GB	2Rx8	HX424C12SB2/8	DS	SKhynix		C12	1.35v	v	v	v	2133
HyperX	8GB	2Rx8	HX424C15FB/8	DS	SKhynix		C15	1.2v	v	v	v	2133
HyperX	8GB	1Rx8	HX424C15FB2K4/32	SS			C15	1.2v	v	v	v	2133
HyperX	8GB	1Rx8	HX424C15FB2K2/16	SS			C15	1.2v	v	v	v	2133
HyperX	8GB	1Rx8	HX424C15FB2/8	SS			C15	1.2v	v	v	v	2133
HyperX	16GB	2Rx8	HX424C15FBK4/64	DS			C15	1.2v	v	v	v	2133
HyperX	16GB	2Rx8	HX424C15FBK2/32	DS			C15	1.2v	v	v	v	2133
HyperX	16GB	2Rx8	HX424C15FB/16	DS			C15	1.2v	v	v	v	2133
HyperX	16GB	2Rx8	HX424C14SBK4/64	DS			C14	1.2v	v	v	v	2133
Kingston	4GB	1Rx8	KVR24N17S8/4	SS	Micron		CL17	1.2v	v	v	v	2400
Kingston	8GB	2Rx8	KVR24N17D8/8	DS	Micron		CL17	1.2v	v	v	v	2400
Kingston	8GB	1Rx8	KVR24N17S8/8	SS	Micron		CL17	1.2v	v	v	v	2400
Kingston	16GB	2Rx8	KVR24N17D8/16	DS	Micron		CL17	1.2v	v	v	v	2400
CORSAIR	4GB	1Rx8	CMK16GX4M4A2400C14	SS	Samsung		14-16-16-31	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMK16GX4M4A2400C14B	SS	Samsung		14-16-16-31	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMK16GX4M4A2400C14R	SS	Samsung		14-16-16-31	1.2v	v	v	v	2133
CORSAIR	4GB	1Rx8	CMD16GX4M4A2400C14	SS	Samsung		14-16-16-31	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C14	DS	Samsung		14-16-16-31	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C14B	DS	Samsung		14-16-16-31	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C14R	DS	Samsung		14-16-16-31	1.2v	v	v	v	2133
CORSAIR	8GB	1Rx8	CMD64GX4M8A2400C14	SS			14-16-16-31	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK64GX4M8A2400C14	DS			14-16-16-31	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C16	SS			16-16-16-39	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C16R	SS			16-16-16-39	1.2v	v	v	v	2133
CORSAIR	8GB	1Rx8	CMK16GX4M2A2400C16	SS			16-16-16-39	1.2v	v	v	v	2133
CORSAIR	8GB	1Rx8	CMK16GX4M2A2400C16R	SS			16-16-16-39	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMD32GX4M4A2400C12	DS			12-14-14-28	1.2v	v	v	v	2133
CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C12	DS			12-14-14-28	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK128GX4M8A2400C14	DS			14-16-16-31	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMK64GX4M4A2400C14	DS			14-16-16-31	1.2v	v	v	v	2133
CORSAIR	16GB	2Rx8	CMD128GX4M8A2400C14	DS			14-16-16-31	1.2v	v	v	v	2133
G.SKILL	4GB	1Rx8	F4-2400C15Q-16GRR	SS	Micron		15-15-15-35	1.2v	v	v	v	2133
G.SKILL	8GB	2Rx8	F4-2400C15Q-32GRR	DS	Micron		15-15-15-35	1.2v	v	v	v	2133

G.SKILL	8GB	2Rx8	F4-2400C15Q2-64GRK	DS			15-15-15-35	1.2v	v	v	v	2133
G.SKILL	16GB	2Rx8	F4-2400C15Q2-128GRK	DS			15-15-15-35	1.2v	v	v	v	2133
G.SKILL	16GB	2Rx8	F4-2400C14Q2-128GRK	DS			14-14-14-34	1.2v	v	v	v	2133
ADATA	4GB	1Rx8	AD4U2400W4G17-B	SS	SKHynix			1.2v	v	v	v	2400
ADATA	8GB	2Rx8	AD4U2400W8G17-B	DS	SKHynix			1.2v	v	v	v	2400
ADATA	8GB	2Rx8	AX4U2400W8G16-DRD	DS			16-16-16	1.2v	v	v	v	2133
ADATA	8GB	1Rx8	AX4U240038G16-SBF	SS			16-16-16	1.2v	v	v	v	2133
ADATA	16GB	2Rx8	AX4U2400316G16-DRD	DS			16-16-16	1.2v	v	v	v	2133
Apacer	8GB	2Rx8	AU08GGB24CETBGC	DS			CL17	1.2v	v	v	v	2400
Apacer	8GB	1Rx8	AHU08GGB24CDU7G	SS			16-16-16-36		v	v	v	2133
Apacer	8GB	1Rx8	AU08GGB24CEYBGC	SS			CL17	1.2v	v	v	v	2400
Apacer	16GB	2Rx8	AHU16GGB24CDU7V	DS			16-16-16-36	1.2v	v	v	v	2133
Avexir	4GB	1Rx8	AVD4U24001604G-4M	SS	SKHynix		CL16	1.2v	v	v	v	2133
Avexir	4GB	1Rx8	AVD4UZ124001604G-2COB	SS	Spectek		CL16	1.2v	v	v	v	2133
Avexir	4GB	1Rx8	AVD4UZ124001604G-4COR	SS	Spectek	16-16-16-36	1.2v	v	v	v	2133	
			AVD4UZ124001604G-4COB					v	v	v	2133	
			AVD4UZ124001604G-4COG					v	v	v	2133	
			AVD4UZ124001604G-4COW					v	v	v	2133	
			AVD4UZ124001604G-4COY					v	v	v	2133	
			AVD4UZ124001604G-4COO					v	v	v	2133	
			AVD4UZ124001604G-4CWW					v	v	v	2133	
Avexir	8GB	2Rx8	AVD4U24001608G-4M	DS	SKHynix		CL16	1.2v	v	v	2133	
Avexir	8GB	2Rx8	AVD4UZ124001608G-2COB	DS	Spectek		CL16	1.2v	v	v	v	2133
Avexir	8GB	2Rx8	AVD4UZ124001608G-4COR	DS	Micron	16-16-16-36	1.2v	v	v	v	2400	
			AVD4UZ124001608G-4COB					v	v	v	2400	
			AVD4UZ124001608G-4COG					v	v	v	2400	
			AVD4UZ124001608G-4COW					v	v	v	2400	
			AVD4UZ124001608G-4COY					v	v	v	2400	
			AVD4UZ124001608G-4COO					v	v	v	2400	
			AVD4UZ124001608G-4CWW					v	v	v	2400	
Avexir	16GB	2Rx8	AVD4UZ124001616G-4CWW	DS	Micron	16-16-16-36	1.2v	v	v	v	2400	
			AVD4UZ124001616G-4COB					v	v	v	2400	
			AVD4UZ124001616G-4COG					v	v	v	2400	
			AVD4UZ124001616G-4COW					v	v	v	2400	
			AVD4UZ124001616G-4COY					v	v	v	2400	
			AVD4UZ124001616G-4COO					v	v	v	2400	
			AVD4UZ124001616G-4COR					v	v	v	2400	
CRUCIAL	4GB	1Rx8	BLS4G4D240FSB.8FADG	SS	Micron		16-16-16-39	1.2v	v	v	v	2400
CRUCIAL	8GB	2Rx8	BLS8G4D240FSB.16FARG	DS	Micron		16-16-16-39	1.2v	v	v	v	2400
CRUCIAL	8GB	2Rx8	BLS8G4D240FSA.16FARG	DS	Micron		16-16-16-39	1.2v	v	v	v	2400
CRUCIAL	8GB	1Rx8	CT8G4DFS824A.8FB1	SS	Micron		CL17	1.2v	v	v	v	2400
CRUCIAL	8GB	2Rx8	CT8G4WFD824A.18FB1	DS	Micron		CL17	1.2v	v	v	v	2400
CRUCIAL	8GB	2Rx8	BLS8G4D240FSB.16FAR	DS	Micron		16-16-16-39	1.2v	v	v	v	2400
CRUCIAL	16GB	2Rx8	BLS16G4D240FSB.16FAD	DS	Micron		16-16-16-39	1.2v	v	v	v	2400
CRUCIAL	16GB	2Rx8	CT16G4DFD824A.16FB1	DS	Micron		CL17	1.2v	v	v	v	2400
GEIL	8GB	2Rx8	GPR432GB2400C15QC	DS			15-15-15-35	1.2v	v	v	v	2133
GLOWAY	8GB	2Rx8	8G-2400	DS			15-15-15-35	1.2v	v	v	v	2133
KLEVV	4GB	1Rx8	KM4B4GX1N-2400-15-15-15-35-0	SS			15-15-15-35	1.2v	v	v	v	2400
KLEVV	4GB	1Rx8	KM4Z4GX1N-2400-15-15-15-35-1	SS			15-15-15-35	1.2v	v	v	v	2400
KLEVV	8GB	1Rx8	KM4B8GX1N-2400-15-15-15-35-0	SS			15-15-15-35	1.2v	v	v	v	2400
KLEVV	8GB	1Rx8	KM4Z8GX1N-2400-15-15-15-35-1	SS			15-15-15-35	1.2v	v	v	v	2400
KLEVV	16GB	2Rx8	KM4B16X1N-2400-15-15-15-35-0	DS			15-15-15-35	1.2v	v	v	v	2400
KLEVV	16GB	2Rx8	KM4Z16X1N-2400-15-15-15-35-0	DS			15-15-15-35	1.2v	v	v	v	2400
PATRIOT	4GB	1Rx8	PV48G240C5K	SS			CL15	1.2v	v	v	v	2133
PATRIOT	4GB	1Rx8	PVE48G240C5KRD	SS			CL15	1.2v	v	v	v	2133
PATRIOT	8GB	2Rx8	PV432G240C5QK	DS			15-15-15-35	1.2v	v	v	v	2133
PATRIOT	8GB	2Rx8	PX432G240C5QK	DS			15-15-15-35	1.2v	v	v	v	2133
PATRIOT	8GB	2Rx8	PX416G240C5K	DS			15-15-15-35	1.2v	v	v	v	2133
PATRIOT	8GB	2Rx8	PV416G240C5K	DS			CL15	1.2v	v	v	v	2133
Team	4GB	1Rx8	TDTRD416G2400HC15AQ001	SS			15-15-15-35	1.2v	v	v	v	2133
Team	4GB	1Rx8	TDTRD48G2400HC15ADC01	SS			15-15-15-35	1.2v	v	v	v	2133
Team	4GB	1Rx8	TDTRD44G2400HC15A01	SS			15-15-15-35	1.2v	v	v	v	2133
Team	8GB	2Rx8	TED48G2400C16BK	DS			16-16-16-39	1.2v	v	v	v	2400
Team	16GB	2Rx8	TED416G2400C16BK	DS			16-16-16-39	1.2v	v	v	v	2400
Team	16GB	2Rx8	TDTRD46G2400HC15BQC01	DS			15-17-17-35	1.2v	v	v	v	2133
Team	16GB	2Rx8	TDTRD432G2400HC15BDC01	DS			15-17-17-35	1.2v	v	v	v	2133
Team	16GB	2Rx8	TDTRD416G2400HC15B01	DS			15-17-17-35	1.2v	v	v	v	2133
Panram	8GB	1Rx8	PUD42400C158G4NJW	SS			CL15	1.2v	v	v	v	2400
innodisk	4GB	1Rx8	M4C0-4GSSLCSJ	SS	Samsung			1.2v	v	v	v	2400
innodisk	8GB	2Rx8	M4C0-8GSSMCSJ	DS	Samsung			1.2v	v	v	v	2400
V-Color	4GB	1Rx8	TD4G8C17-UH	SS			CL17	1.2v	v	v	v	2400
V-Color	8GB	2Rx8	TD8G16C17-UH	DS			CL17	1.2v	v	v	v	2400

DDR4 2133MHz

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Timing	Voltage	Memory socket support		XMP	Native
									1	2		
HyperX	4GB	1Rx8	HX421C13SBK4/16	SS	SKhynix		CL13	1.2v	v	v	v	v
HyperX	4GB	1Rx8	HX421C13SBK2/8	SS	SKhynix		CL13	1.2v	v	v	v	v
HyperX	4GB	1Rx8	HX421C13SB/4	SS	SKhynix		CL13	1.2v	v	v	v	v
HyperX	8GB	2Rx8	HX421C13SBK4/32	DS	SKhynix		CL13	1.2v	v	v	v	v
HyperX	8GB	2Rx8	HX421C13SBK2/16	DS	SKhynix		CL13	1.2v	v	v	v	v
HyperX	8GB	2Rx8	HX421C13SB/8	DS	SKhynix		CL13	1.2v	v	v	v	v
HyperX	8GB	1Rx8	HX421C14FBK4/32	SS			CL14	1.2v	v	v	v	v
HyperX	8GB	1Rx8	HX421C14FBK2/16	SS			CL14	1.2v	v	v	v	v
HyperX	8GB	1Rx8	HX421C14FB2/8	SS			CL14	1.2v	v	v	v	v
HyperX	16GB	2Rx8	HX421C14FBK4/64	DS			CL14	1.2v	v	v	v	v
HyperX	16GB	2Rx8	HX421C14FBK2/32	DS			CL14	1.2v	v	v	v	v
HyperX	16GB	2Rx8	HX421C14FB/16	DS			CL14	1.2v	v	v	v	v

Kingston	4GB	1Rx8	KVR21N15S8/4	SS	SKhynix		CL15	1.2v	v	v	v	v
Kingston	8GB	2Rx8	KVR21N15D8/8	DS	SKhynix		CL15	1.2v	v	v	v	v
Kingston	8GB	2Rx8	KVR21E15D8/8HA	DS	SKhynix		CL15	1.2v	v	v	v	v
Kingston	8GB	1Rx8	KVR21N15S8/8	DS	Micron		CL15	1.2v	v	v	v	v
Kingston	16GB	2Rx8	KVR21N15D8/16	DS	Micron		CL15	1.2v	v	v	v	v
CORSAIR	4GB	1Rx8	CMK16GX4M4A2133C13	SS			13-15-15-28	1.2v	v	v	v	v
CORSAIR	4GB	1Rx8	CMK16GX4M4A2133C13B	SS			13-15-15-28	1.2v	v	v	v	v
CORSAIR	4GB	1Rx8	CMK16GX4M4A2133C13R	SS			13-15-15-28	1.2v	v	v	v	v
CORSAIR	4GB	1Rx8	CMD16GX4M4B2133C10	SS			10-12-12-31	1.35v	v	v	v	v
CORSAIR	8GB	2Rx8	CMV8GX4M1A2133C15	DS	SKhynix		CL15	1.2v	v	v	v	v
CORSAIR	8GB	2Rx8	CMK64GX4M8A2133C13	DS			13-15-15-28	1.2v	v	v	v	v
CORSAIR	8GB	2Rx8	CMD32GX4M4B2133C10	DS			10-12-12-31	1.35v	v	v	v	v
CORSAIR	16GB	2Rx8	CMV16GX4M1A2133C15	DS			C15	1.2v	v	v	v	v
CORSAIR	16GB	2Rx8	CMK32GX4M2A2133C13	DS			13-15-15-28	1.2v	v	v	v	v
CORSAIR	16GB	2Rx8	CMK128GX4M8A2133C13	DS			13-15-15-28	1.2v	v	v	v	v
G.SKILL	4GB	1Rx8	F4-2133C15Q-16GRR	SS	Micron		15-15-15-35	1.2v	v	v	v	v
G.SKILL	8GB	2Rx8	F4-2133C15Q-32GRR	DS	Micron		15-15-15-35	1.2v	v	v	v	v
ADATA	4GB	1Rx8	AD4U2133W4G15-B	SS	SKhynix		CL15	1.2v	v	v	v	v
Apacer	8GB	2Rx8	78.C1GM3.AF10B	DS			CL15	1.2v	v	v	v	v
Avexir	4GB	1Rx8	AVD4U2121331504G-4COR	SS	Spectek		15-15-15-35	1.2v	v	v	v	v
			AVD4U2121331504G-4COB						v	v	v	v
			AVD4U2121331504G-4COG						v	v	v	v
			AVD4U2121331504G-4COW						v	v	v	v
			AVD4U2121331504G-4COY						v	v	v	v
			AVD4U2121331504G-4COO						v	v	v	v
			AVD4U2121331504G-4CWW						v	v	v	v
Avexir	8GB	2Rx8	AVD4U2121331508G-4COB	DS	Spectek		15-15-15-35	1.2v	v	v	v	v
			AVD4U2121331508G-4COR						v	v	v	v
			AVD4U2121331508G-4COG						v	v	v	v
			AVD4U2121331508G-4COW						v	v	v	v
			AVD4U2121331508G-4COY						v	v	v	v
			AVD4U2121331508G-4COO						v	v	v	v
			AVD4U2121331508G-4CWW						v	v	v	v
CRUCIAL	4GB	1Rx8	CT4G4DFS8213.C8FAR1	SS	Micron		CL15	1.2v	v	v	v	
CRUCIAL	4GB	1Rx8	CT4G4WFS8213.9FA1	SS	Micron		CL15	1.2v	v	v	v	
CRUCIAL	4GB	1Rx8	CT4G4DFS8213.8FA2	SS	Micron			1.2v	v	v	v	
CRUCIAL	8GB	2Rx8	CT8G4WFD8213	DS	Micron		CL15	1.2v	v	v	v	
CRUCIAL	8GB	2Rx8	CT8G4DFD8213.16FA2	DS	Micron			1.2v	v	v	v	
CRUCIAL	8GB	2Rx8	CT8G4DFD8213.C16FAR11	DS	Micron			1.2v	v	v	v	
CRUCIAL	8GB	1Rx8	CT8G4DFS8213.8FB1	SS	Micron		CL15	1.2v	v	v	v	
CRUCIAL	16GB	2Rx8	CT16G4DFD8213.16FB1	DS	Micron		CL15	1.2v	v	v	v	
GEIL	4GB	1Rx8	GPR416GB2133C15QC	SS			15-15-15-36	1.2v	v	v	v	v
GLOWAY	4GB	1Rx8	4G-2133	SS			15-15-15-35	1.2v	v	v	v	v
Silicon POWER	4GB	1Rx8	SP004GBLFU213N01	SS	Samsung		CL15	1.2v	v	v	v	v
Silicon POWER	8GB	2Rx8	SP008GBLFU213N01	DS	Samsung		CL15	1.2v	v	v	v	v
KLEVV	4GB	1Rx8	KM4B4GX1N-2133-15-15-15-35-0	SS			15-15-15-35	1.2v	v	v	v	v
KLEVV	8GB	1Rx8	KM4B8GX1N-2133-15-15-15-35-0	SS			15-15-15-35	1.2v	v	v	v	v
KLEVV	16GB	2Rx8	KM4B16X1N-2133-15-15-15-35-0	DS			15-15-15-35	1.2v	v	v	v	v
Team	8GB	2Rx8	TED48GM2133C15BK	DS	SKhynix	H5AN4G8NMFR 523V	15-15-15-36	1.2v	v	v	v	v
Team	16GB	2Rx8	TED416G2133C15BK	DS	SKhynix	H5AN4G8NMFR 523V	15-15-15-36	1.2v	v	v	v	v
Panram	8GB	1Rx8	PUD42133C158G2VS	SS			CL15	1.2v	v	v	v	v
V-Color	8GB	1Rx8	TE48G21S815	SS	SKhynix		CL15	1.2v	v	v	v	v
V-Color	16GB	2Rx8	TE416G21D815	DS	SKhynix		CL15	1.2v	v	v	v	v

• When running XMP at DDR4 2667MHz or higher, the system's stability depends on the CPU's capabilities.  
當執行XMP至DDR4 2667MHz或更高,系統的穩定性會依據CPU的效能而有所差異

• Memory modules listed as above is for reference only. Due to massive memory models in market, we can only verify some of them.  
以下所列的記憶體模組僅供參考,因市面上的記憶體模組眾多,我們無法一一驗證