

Qualified Vendors List (QVL), Model Name: GA-Z170-HD3 DDR3

DDR3 3200

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								1	2		
Avexir	4GB	1Rx8	AVD3UH32001304G-4CI	SS			1.5v	v		v	

DDR3 3100

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								1	2		
Avexir	4GB	1Rx8	AVD3UH31001204G-4BZGBG1	SS			1.5v	v		v	
G.SKILL	4GB	1Rx8	F3-3100C12Q-16GTXDG	SS			1.5v	v		v	

DDR3 3000

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								1	2		
Apacer	4GB	1Rx8	78.BAGHN.AFL0C	SS			1.5v	v		v	

DDR3 2933

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								1	2		
Apacer	4GB	2Rx8	78.BAGHB.AFL0C	DS			1.5v	v		v	
GEIL	4GB	1Rx8	GPW38GB2933C12ADC	SS			1.5v	v		v	
Team	4GB	1Rx8	TXD34G2933HC12CBK	SS			1.5v	v		v	

DDR3 2800

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								2	4		
ADATA	4GB	2Rx8	AX3U2800W4G12-DGV	DS			1.5v	v		v	
Apacer	4GB	2Rx8	78.BAGHT.AFL0C	SS			1.5v	v	v	v	
CORSAIR	4GB	2Rx8	CMD16GX3M4A2800C11	DS			1.5v	v		v	
CORSAIR	4GB	2Rx8	CMD16GX3M4A2800C12	DS			1.5v	v		v	

DDR3 2666

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								2	4		
Apacer	4GB	2Rx8	78.BAGFR.AFD0C	DS			1.5v	v	v	v	
Avexir	4GB	2Rx8	AVD3U26661104G-4CI	DS			1.65v	v		v	
CORSAIR	4GB	2Rx8	CMD16GX3M4A2666C10	DS			1.65v	v		v	
CORSAIR	4GB	2Rx8	CMD16GX3M4A2666C11	DS			1.65v	v	v	v	
G.SKILL	8GB	2Rx8	F3-2666C11Q-32GTXD	DS			1.65v	v	v	v	

DDR3 2400

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								2	4		
ADATA	8GB	2Rx8	AX3U2400W8G11-DMV	DS			1.65v	v	v	v	
ADATA	4GB	2Rx8	AX3U2400W4G11-DMV	DS			1.65v	v		v	
Apacer	4GB	2Rx8	78.BAGFL.AFD0C	DS			1.5v	v	v	v	
AMD	4GB	1Rx8	AG34G2401U1S	SS			1.65v	v	v	AMP	
CORSAIR	4GB	2Rx8	CMD16GX3M4A2400C10	DS			1.65v	v		v	
CORSAIR	8GB	2Rx8	CMY16GX3M2A2400C10R	DS			1.65v	v		v	
CORSAIR	8GB	2Rx8	CMD16GX3M2A2400C10	DS			1.65v	v		v	
GEIL	8GB	2Rx8	GOC332GB2400C11AQC	DS			1.65v	v		v	
G.SKILL	4GB	2Rx8	F3-19200CL11Q-16GBZHD	DS			1.65v	v		v	
G.SKILL	4GB	1Rx8	F3-2400C10Q-16GTX	SS			1.65v	v	v	v	
G.SKILL	8GB	2Rx8	F3-2400C10Q-32GTX	DS			1.65v	v	v	v	
Kingston	4GB	2Rx8	KHX24C11T3K4/16GX	DS			1.5v			v	
Kingston	8GB	2Rx8	HX324C11SRK4/32	DS			1.5v		v	v	
PATRIOT	4GB	2Rx8	PXD38G2400C11K	DS			1.65v	v		v	
Panram	8GB	2Rx8	PUD32400C118GLSK	DS			1.5v	v	v	v	
Silicon POWER	4GB	1Rx8	SP004GXLYU240NSA	SS			1.5v	v	v	v	
Team	8GB	2Rx8	TLD38G2400HC11CBK	DS			1.5v	v	v	v	

DDR3 2133

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								2	4		
ADATA	8GB	2Rx8	AX3U2133W8G10-DR	DS			1.65v	v	v	v	
ADATA	4GB	2Rx8	AX3U2133W4G10-DR	SS			1.65v	v		v	
Apacer	4GB	2Rx8	78.BAGE4.AFD0C	DS			1.5v	v		v	
Apacer	4GB	2Rx8	AHU04GFB33CAQ3B	DS			1.5v	v		v	
Avexir	8GB	2Rx8	AVD3U21331108G-4CI	DS			1.5v	v	v	v	
AMD	4GB	2Rx8	AG34G2130U1	DS			1.5v	v		AMP	
CORSAIR	8GB	2Rx8	CMZ16GX3M2A2133C10	DS			1.5v	v	v	v	
CORSAIR	8GB	2Rx8	CMZ32GX3M4A2133C9	DS			1.65v	v	v	v	
G.SKILL	4GB	2Rx8	F3-1700CL9Q-16GBZHD	DS			1.5v	v	v	v	
G.SKILL	4GB	2Rx8	F3-1700CL11D-8GBXL	DS			1.5v	v	v	v	
G.SKILL	8GB	2Rx8	F3-2133C9Q-32GZH	DS			1.5v	v	v	v	
G.SKILL	8GB	2Rx8	F3-2133C11D-16GZL	DS			1.5v	v		v	
Kingston	4GB	2Rx8	KHX2133C11D3K4/16GX	DS			1.5v	v	v	v	
PATRIOT	4GB	2Rx8	PXD38G2133C11K	DS			1.5v	v		v	
PATRIOT	8GB	2Rx8	PV316G213C1K	DS			1.5v	v		v	
Silicon POWER	4GB	1Rx8	SP004GXLYU213NSA	SS			1.5v	v	v	v	

DDR3 2000

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								2	4		
GEIL	2GB		GE34GB2000C9DC	DS			1.65v	v		v	

DDR3 1866

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								2	4		
Avexir	8GB	2Rx8	AVD3U18660908G-4CI	DS			1.5v	v	v	v	
Avexir	8GB	2Rx8	AVD3U18661108G-1LW	DS			1.35v	v	v	v	
AMD	4GB	2Rx8	AP38G1869U2K	DS			1.5v	v	v	v	
CORSAIR	4GB	2Rx8	CMZ8GX3M2A1866C9	DS			1.5v	v	v	v	
CORSAIR	4GB	1Rx8	CMY8GX3M2C1866C10	DS			1.35v	v	v	v	
CORSAIR	8GB	2Rx8	CMZ32GX3M4X1866C10	DS			1.5v	v	v	v	
CORSAIR	8GB	2Rx8	CMD16GX3M2A1866C9	DS			1.5v	v	v	v	
CORSAIR	8GB	2Rx8	CMZ16GX3M2A1866C9	DS			1.5v	v	v	v	
CORSAIR	8GB	2Rx8	CMY16GX3M2C1866C10	DS			1.35v	v	v	v	
Crucial	4GB	2Rx8	BLE4G3D1869DE1TX0.16FKR	DS			1.5v	v	v	v	
Crucial	8GB	2Rx8	BLE8G3D1869DE1TX0.16FED	DS			1.5v	v	v	v	
Crucial	8GB	2Rx8	BLT8G3D1869DT1TX0.16FED	DS			1.5v	v	v	v	
Crucial	8GB	2Rx8	BLS8G3D18ADS3.16FED	DS			1.5v	v	v	v	
GEIL	4GB	2Rx8	GOC38GB1866C9DC	DS			1.5v	v	v	v	
G.SKILL	4GB	2Rx8	F3-14900CL9D-8GBSR	DS			1.5v	v	v	v	
G.SKILL	8GB	2Rx8	F3-1866C9Q-32GXM	DS			1.5v	v	v	v	
Kingston	4GB	2Rx8	KHX1866C9D3K2/8GX	DS			1.5v	v	v	v	
Panram	4GB	1Rx8	PUD31866C94GPSB	SS			1.5v	v	v	v	
Silicon POWER	4GB	1Rx8	SP004GLYU186NSA	SS			1.5v	v	v	v	
V-color	8GB	1Rx8	TD8G8C13-RDD	SS			1.5v	v	v		1866
Team	8GB	2Rx8	TED38GM1866C13BK	DS			1.5v	v	v		1866

DDR3 1600

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								2	4		
ADATA	8GB	2Rx8	AX3U1600W8G9-DB	DS			1.5v	v	v	v	
ADATA	4GB	1Rx8	ADDU1600W4G11-B	SS			1.35v	v	v		1600
Apacer	4GB	2Rx8	AHU04GFA60C9Q1D	DS			1.5v	v	v	v	
Apacer	4GB	1Rx8	78.B1GET.9K00C	SS			1.5v	v	v		1600
Apacer	4GB	1Rx8	78.B1GFZ.4020C	SS			1.35v	v	v		1600
Apacer	8GB	2Rx8	78.C1GET.9K10C	DS			1.5v	v	v		1600
Apacer	8GB	2Rx8	78.C1GFZ.4030C	DS			1.35v	v	v		1600
Apacer	4GB	2Rx8	AHU04GFB33CAQ3B	DS			1.5v	v	v	v	1600
Avexir	8GB	2Rx8	AVD3U16001008G-4CI	DS			1.5v	v	v	v	1600
Avexir	8GB	2Rx8	AVD3U16001108G-1LW	DS			1.35v	v	v		1600
AMD	2GB		AE32G1609U1-U	SS			1.5v	v	v	v	1600
AMD	4GB	2Rx8	AE34G1609U2-U	DS			1.5v	v	v		
AMD	4GB	2Rx8	AP38G1608U2K	DS			1.5v	v	v	v	1600
CORSAIR	4GB	2Rx8	CMZ8GX3M2A1600C9	DS			1.5v	v	v	v	
CORSAIR	4GB	2Rx8	CML8GX3M2A1600C9	DS			1.5v	v	v	v	
CORSAIR	8GB	2Rx8	CMZ8GX3M1A1600C10	DS			1.5v	v	v	v	1600
CORSAIR	8GB	2Rx8	CMZ16GX3M2A1600C9	DS			1.5v	v	v	v	
CORSAIR	8GB	2Rx8	CMY16GX3M2C1600C9	DS			1.35v	v	v		1600
CORSAIR	2GB		CMV2GX3M1C1600C11	SS			1.35v	v	v		1600
CORSAIR	4GB	2Rx8	CMV4GX3M1C1600C11	DS			1.35v	v	v		1600
CORSAIR	8GB	2Rx8	CMV8GX3M1A13600C11	DS			1.5v	v	v		
CORSAIR	8GB	2Rx8	CMV8GX3M1C1600C11	DS			1.35v	v	v		1600
Crucial	4GB	2Rx8	CT51272BD160B.18FKD	DS			1.5v	v	v		1600
Crucial	4GB	1Rx8	CT51272BD160BJ.9FED	SS			1.5v	v	v		1600
Crucial	8GB		CT102464BA160B.C16FED	DS			1.5v	v	v	v	
Crucial	8GB	2Rx8	CT102472BD160B.18FED	DS			1.5v	v	v	v	1600
Crucial	8GB	2Rx8	BLT8G3D1608DT1TX0.16FED	DS			1.5v	v	v	v	
Crucial	8GB	2Rx8	BLS8G3D169DS3.16FED	DS			1.5v	v	v	v	1600
Micron	16GB	2Rx8	MT16KTF2G64AZ-1G6A1	DS			1.35v	v	v		1600
GEIL	2GB		GET38GB1600C9QC	DS			1.5v	v	v	v	1600
GEIL	2GB		GET34GB1600C7DC	DS			1.5v	v	v	v	
GEIL	4GB	2Rx8	GEP38GB1750C9DC	DS			1.5v	v	v	v	1600
G.SKILL	2GB		F3-12800CL9D-4GBXL	DS			1.5v	v	v	v	1600
G.SKILL	4GB	1Rx8	F3-1600C11D-8GISL	SS			1.35v	v	v		1600
G.SKILL	8GB	2Rx8	F3-1600C9D-16GXM	DS			1.5v	v	v	v	
G.SKILL	8GB	2Rx8	F3-12800CL10D-16GBXL	DS			1.5v	v	v	v	
G.SKILL	8GB	2Rx8	F3-1600C11S-8GNT	DS			1.5v	v	v	v	
G.SKILL	8GB	2Rx8	F3-1600C11D-16GISL	DS			1.35v	v	v		1600
Hynix	4GB	2Rx8	HMT351U7CFR8C	DS			1.5v	v	v		1600
Kingston	2GB		KHX1600C9D3K2/4GX	DS			1.5v	v	v	v	
Kingston	4GB	2Rx8	KHX1600C9D3L K2/8GX	DS			1.35v	v	v	v	
Kingston	4GB	2Rx8	KHX1600C9D3K2/8GX	DS			1.5v	v	v	v	
Kingston	4GB	1Rx8	KVR16LN11/4	SS			1.35v	v	v		1600
Kingston	8GB	2Rx8	KVR16N11H/8	DS			1.5v	v	v	v	1600
Kingston	8GB	2Rx8	HX316C10F/8	DS			1.5v	v	v		1600
Kingston	8GB	2Rx8	KVR16LN11/8	DS			1.35v	v	v		1600

Kingston	8GB	2Rx8	HX316LC10FBK2/16	DS			1.35v	v	v		1600
KingMax	4GB	2Rx8	FLGF65F-C8KL9A	DS			1.5v	v	v	v	
KingMax	4GB	1Rx8	FLGF65F-C6KUB	SS			1.5v	v	v	v	1600
KingMax	8GB	2Rx8	FUGG43F-D8MMB MJE	DS			1.35v	v	v		1600
KingMax	8GB	2Rx8	FLGG43F-D8MMB MOEI	DS			1.35v	v	v		1600
KINGTIGER	2GB		KTG2G1600PG3	SS			1.5v	v	v	v	1600
PATRIOT	4GB	2Rx8	PGQ316G1600ELQK	DS			1.5v	v	v	v	
PATRIOT	4GB	2Rx8	PV38G160C9KRD	DS			1.5v	v	v	v	1600
PATRIOT	4GB	2Rx8	PV316G160C9QKRD	DS			1.5v	v	v	v	1600
Panram	4GB	1Rx8	PUD31600C114GVS	SS			1.5v	v	v		1600
MIRA	8GB	2Rx8	PLAF8L93B-GN2	DS			1.35v	v	v	v	1600
Samsung	4GB	1Rx8	M379B5273DHO-YK0 1325	SS			1.35v	v	v		1600
Samsung	8GB	2Rx8	M379B5273DHO-YK0 1425	DS			1.35v	v	v		1600
SUPER TALENT	2GB		WP160UX4G9	DS			1.5v	v	v	v	
Silicon POWER	8GB	2Rx8	SP008GXYU160NSA	DS			1.5v	v	v	v	1600
Silicon POWER	4GB	1Rx8	SP004GLLTU160N02	SS			1.35v	v	v		1600
Silicon POWER	8GB	2Rx8	SP008GLLTE160N01	DS			1.35v	v	v		1600
Team	4GB	1Rx8	TED34G1600C11BK	SS			1.5v	v	v		1600
Team	4GB	1Rx8	TED3L4G1600C11BK	SS			1.35v	v	v	v	1600
Team	8GB	2Rx8	TED38GM1600C11BK	DS			1.5v	v	v		1600
Team	8GB	1Rx8	TED38G1600C11BK	SS			1.5v	v	v		1600
Team	8GB	1Rx8	TED3L8G1600C11BK	SS			1.35v	v	v		1600
Transcend	4GB	1Rx8	TS512MLK64W6H	SS			1.35v	v	v	v	1600
Transcend	8GB	2Rx8	TS1GLK64W6H	DS			1.35v	v	v		1600
UMAX	4GB	1Rx8	84E44G93UM-16BPSYW	SS			1.5v	v	v		1600
UMAX	8GB	2Rx8	84E48G93UM-16BPSYW	DS			1.5v	v	v		1600
Winchip	2GB		DFC2GBILLJ16800E	DS			1.5v	v	v	v	1600

DDR3 1333

Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Voltage	Memory socket support		XMP	Native
								2	4		
ADATA	8GB	2Rx8	AD3U133W8G9-B	DS			1.5v	v	v		
AMD	2GB		AE32G1339U1-U	SS			1.5v	v	v		
AMD	4GB	2Rx8	AE34G1339U2-U	DS			1.5v	v	v		
Apacer	2GB		AU02GFA33C9NBGC	DS			1.5v	v	v		
Apacer	4GB	2Rx8	AU04GFA33C9QBGC	DS			1.5v	v	v		
CORSAIR	4GB	1Rx8	CMV8G3M2A1333C9	DS			1.5v	v	v		
GEIL	4GB	2Rx8	GVP34GB1333C9SC	DS			1.5v	v	v		
G.SKILL	4GB	2Rx8	F3-10666CL9D-8GBRL	DS			1.5v	v	v		
G.SKILL	8GB	2Rx8	F3-10666CL9S-8GBNT	DS			1.5v	v	v		
KingMax	4GB	1Rx8	FLFF65F-C6NG9	SS			1.5v	v	v		
KingMax	4GB	1Rx8	FLFF65F-C6KU9	SS			1.5v	v	v		
KINGTIGER	2GB		KTG2G1333PW3	DS			1.5v	v	v		
Ramax	4GB	2Rx8	RMR1870EC58E9F	DS			1.5v	v	v		
Samsung	2GB		M378B5773CHO-CH9	SS			1.5v	v	v		
Samsung	4GB	2Rx8	M378B5273DHO-CH9	DS			1.5v	v	v		
Samsung	8GB	2Rx8	M378B1G73AHO	DS			1.5v	v	v		
Silicon POWER	2GB		SP002GBLTU133V02	DS	S-POWER	20YT3N1 1051Y	1.5v	v	v		
tigo	4GB	2Rx8	T12AA4K3762	DS			1.5v	v	v		
Winchip	4GB	2Rx8	GDF4GB28L150C9-24GK	DS			1.5v	v	v		

• Memory modules listed as above is for reference only. Due to massive memory models in market, we can only verify some of them.
以上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

• When enabling Dual Channel mode with two or four memory modules, it is recommended that using the same capacity, brand, speed, and chips of memory modules and also installed in the same color of DDR3 slots.
若要安裝兩支DDR3記憶體模組，建議您使用相同容量/廠牌/速度/顆粒等之記憶體模組。