

Qualified Vendors List (QVL)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
4400	CORSAIR	8GB	1Rx8	CMK16GX4M2F4400C19 ver4.31	SS	Samsung	19-19-19-39	1.4v	v			v	2133	
4400	G.SKILL	8GB	1Rx8	F4-4400C19D-16GTZSW	SS	Samsung	19-19-19-39	1.4v	v			v	2133	
4400	GALAX	8GB	1Rx8	HOF4PXL4BST4400P19MF162C	SS	Samsung	19-19-19-39	1.4v	v	v		v	2133	
4400	ADATA	8GB	1Rx8	AX4U440038G19-BR80	SS	Samsung	19-19-19-39	1.4v	v			v	2666	
4400	ADATA	8GB	1Rx8	AX4U440038G19-SR80	SS	Samsung	19-19-19-39	1.4v	v			v	2666	
4400	ADATA	8GB	1Rx8	AX4U440038G19-DR80	SS	Samsung	19-19-19-39	1.4v	v			v	2666	
4400	ADATA	8GB	1Rx8	AX4U440038G19-BR41	SS	Samsung	19-19-19-39	1.4v	v			v	2666	
4400	ADATA	8GB	1Rx8	AX4U440038G19-SR41	SS	Samsung	19-19-19-39	1.4v	v			v	2666	
4400	ADATA	8GB	1Rx8	AX4U440038G19-DR41	SS	Samsung	19-19-19-39	1.4v	v			v	2666	
4400	PATRIOT	8GB	1Rx8	PVS416G4400C9K	SS	Samsung	19-19-19-39	1.45v	v			v	2133	
4200	CORSAIR	8GB	1Rx8	CMK64GX4M8X4200C19 ver4.31	SS	Samsung	19-25-25-45	1.45v	v	v		v	2133	
4266	CORSAIR	8GB	1Rx8	CMK32GX4M4K4266C19 ver4.31	SS	Samsung	19-26-26-46	1.45v	v	v		v	2133	
4266	CORSAIR	8GB	1Rx8	CMW32GX4M4K4266C19 ver4.31	SS	Samsung	19-26-26-46	1.4v	v	v		v	2133	
4266	CORSAIR	8GB	1Rx8	CMT32GX4M4K4266C19 ver4.31	SS	Samsung	19-26-26-46	1.45v	v	v		v	2133	
4266	G.SKILL	8GB	1Rx8	F4-4266C19D-16GTZA	SS	Samsung	19-19-19-39	1.4v	v			v	2133	
4266	G.SKILL	8GB	1Rx8	F4-4266C19D-16GTZAR	SS	Samsung	19-19-19-39	1.4v	v			v	2133	
4266	G.SKILL	8GB	1Rx8	F4-4266C17Q-32GTZR	SS	Samsung	17-18-18-38	1.45v	v	v		v	2133	
4266	GALAX	8GB	1Rx8	HOF4KXL4BST4266T19MF162C	SS	Samsung	19-19-19-39	1.4v	v			v	2133	
4266	HyperX	8GB	1Rx8	HX442C19PB3K2/16	SS	Samsung	19-26-26-45	1.4v	v			v	2400	
4266	ADATA	8GB	1Rx8	AX4U426638G19-SR80	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4266	ADATA	8GB	1Rx8	AX4U426638G19-DR80	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4266	ADATA	8GB	1Rx8	AX4U426638G19-QR80	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4266	ADATA	8GB	1Rx8	AX4U426638G19-BR41	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4266	ADATA	8GB	1Rx8	AX4U426638G19-SR41	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4266	ADATA	8GB	1Rx8	AX4U426638G19-DR41	SS	Samsung	19-19-19-39	1.4v	v			v	2666	
4266	ADATA	8GB	1Rx8	AX4U426638G19-QR41	SS	Samsung	19-19-19-39	1.4v	v			v	2666	
4200	CORSAIR	8GB	1Rx8	CMK64GX4M8X4200C19 ver4.31	SS	Samsung	19-25-25-45	1.45v	v	v		v	2133	
4133	CORSAIR	8GB	1Rx8	CMK32GX4M4E4133C19R ver4.31	SS	Samsung	19-25-25-45	1.4v	v	v		v	2133	
4133	CORSAIR	8GB	1Rx8	CMK64GX4M8X4133C19 ver4.31	SS	Samsung	19-25-25-45	1.4v	v	v		v	2133	
4133	CORSAIR	8GB	1Rx8	CMK32GX4M4K4133C19 ver4.31	SS	Samsung	19-25-25-45	1.4v	v	v		v	2133	
4133	G.SKILL	8GB	1Rx8	F4-4133C19D-16GTZA	SS	Samsung	19-21-21-41	1.35v	v			v	2133	
4133	G.SKILL	8GB	1Rx8	F4-4133C19D-16GTZC	SS	Samsung	19-19-19-39	1.35v	v			v	2133	
4133	G.SKILL	8GB	1Rx8	F4-4133C19D-16GTZR	SS	Samsung	19-19-19-39	1.35v	v	v		v	2133	
4133	G.SKILL	8GB	1Rx8	F4-4133C17Q-32GTZR	SS	Samsung	17-17-17-37	1.4v	v	v		v	2133	
4133	HyperX	8GB	1Rx8	HX441C19PB3/8	SS	Samsung	19-23-23-45	1.35v	v	v		v	2400	
4133	HyperX	8GB	1Rx8	HX441C19PB3K2/16	SS	Samsung	19-23-23-45	1.35v	v	v		v	2400	
4133	ADATA	8GB	1Rx8	AX4U413338G19-BR80	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4133	ADATA	8GB	1Rx8	AX4U413338G19-SR80	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4133	ADATA	8GB	1Rx8	AX4U413338G19-DR80	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4133	ADATA	8GB	1Rx8	AX4U413338G19-QR80	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4133	ADATA	8GB	1Rx8	AX4U413338G19-BR41	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4133	ADATA	8GB	1Rx8	AX4U413338G19-SR41	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4133	ADATA	8GB	1Rx8	AX4U413338G19-DR41	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4133	ADATA	8GB	1Rx8	AX4U413338G19-QR41	SS	Samsung	19-19-19-39	1.4v	v	v		v	2666	
4133	Apacer	8GB	1Rx8	AHU08GGB41CNU5H EK.16GA7.GGBK2	SS	Samsung	19-21-21-41	1.35v	v			v	2133	
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRAAK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRGPK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRGYK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRSWK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRASF	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2AAK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2GRK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2GBK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2SOK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2SFK	SS	Hynix	19-24-24-44	1.35V	v	v		v	2666	
4000	CORSAIR	8GB	1Rx8	CMK32GX4M4B4000C19R ver 4.31	SS	Samsung	19-23-23-45	1.35v	v	v		v	2133	
4000	CORSAIR	8GB	1Rx8	CMK16GX4M2B4000C19R ver 4.31	SS	Samsung	19-23-23-45	1.35v	v	v		v	2133	
4000	CORSAIR	8GB	1Rx8	CMK64GX4M8B4000C19 ver 4.31	SS	Samsung	19-23-23-45	1.35v	v	v		v	2133	
4000	CORSAIR	8GB	1Rx8	CMW32GX4M4K4000C19 ver 4.31	SS	Samsung	19-23-23-45	1.35v	v	v		v	2133	
4000	CORSAIR	8GB	1Rx8	CMK96GX4M12P4000C19	SS	Samsung	19-23-23-45	1.35v	v	v		v	2133	
4000	CORSAIR	8GB	1Rx8	CMT32GX4M4K4000C19 ver 4.31	SS	Samsung	19-23-23-45	1.35v	v	v		v	2133	
4000	CORSAIR	8GB	1Rx8	CMK16GX4M2Z4000C18 ver 3.31	SS	Micron	18-22-22-42	1.35v	v			v	2133	
4000	CORSAIR	8GB	1Rx8	CMW32GX4M4Z4000C18 ver 3.31	SS	Micron	18-22-22-42	1.35v	v	v		v	2133	
4000	CORSAIR	8GB	1Rx8	CMK32GX4M4K4000C19	SS	Micron	19-23-23-45	1.35v	v	v		v	2133	
4000	CORSAIR	8GB	1Rx8	CMK32GX4M2Z4000C18	SS	Micron	18-22-22-42	1.35v	v	v		v	2133	
4000	G.SKILL	8GB	1Rx8	F4-4000C19D-16GTZSW	SS	Samsung	19-21-21-41	1.35v	v	v		v	2133	
4000	G.SKILL	8GB	1Rx8	F4-4000C18Q-32GTZ	SS	Samsung	18-19-19-39	1.35v	v	v		v	2133	
4000	G.SKILL	8GB	1Rx8	F4-4000C18D-16GTZ	SS	Samsung	18-19-19-39	1.35v	v			v	2133	
4000	G.SKILL	8GB	1Rx8	F4-4000C18D-16GTZR	SS	Samsung	18-19-19-39	1.35v	v			v	2133	
4000	G.SKILL	8GB	1Rx8	F4-4000C18Q2-64GTZR	SS	Samsung	18-19-19-39	1.35v	v	v		v	2133	
4000	HyperX	8GB	1Rx8	HX440C19PB3A/8	SS	Samsung	19-21-21-42	1.35v	v			v	2400	
4000	HyperX	8GB	1Rx8	HX440C19PB3AK2/16	SS	Samsung	19-21-21-42	1.35v	v			v	2400	

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Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
4000	Apacer	8GB	1Rx8	AHU08GGB40CMU90 EK.08G29.GJG	SS		19-21-21-41	1.35v	v	v		v	2133	
4000	BALLISTIX	8GB	1Rx8	BLE8G4D40BEEAK.M8FE1	SS	Micron	18-19-19-39	1.35v	v	v	v	v	2400	
4000	Team	8GB	1Rx8	TXD432G4000HC18EQC01	SS	Samsung	18-20-20-44	1.35v	v	v	v	v	2400	
4000	Team	8GB	1Rx8	TXGD432G4000HC18EQC01	SS	Samsung	18-20-20-44	1.35v	v	v		v	2400	
4000	Team	8GB	1Rx8	TXBD416G4000HC18GDC01	SS	Samsung	18-19-19-39	1.35v	v			v	2400	
4000	Team	8GB	1Rx8	TXBD48G4000HC18FBK	SS	Samsung	18-18-18-38	1.35v	v	v		v	2400	
3866	CORSAIR	8GB	1Rx8	CMK32GX4M4B3866C18R ver 4.31	SS	Samsung	18-22-22-40	1.35v	v	v		v	2133	
3866	G.SKILL	8GB	1Rx8	F4-3866C18Q-32GTZR	SS	Samsung	18-19-19-39	1.35v	v	v		v	2133	
3866	Apacer	8GB	1Rx8	AHU08GGB38CJU5H EK.16GA7.GGBK2	SS	Samsung	18-22-22-42	1.35v	v			v	2133	
3800	CORSAIR	8GB	1Rx8	CMK64GX4M8X3800C19	SS	Samsung	19-19-19-39	1.35v	v	v	v	v	2133	
3733	CORSAIR	8GB	1Rx8	CMK32GX4M4B3733C17R ver4.31	SS	Samsung	17-19-19-39	1.35v	v	v		v	2133	
3733	G.SKILL	8GB	1Rx8	F4-3733C18Q-32GTZKW	SS	Samsung	18-18-18-38	1.35v	v	v		v	2133	
3733	G.SKILL	16GB	2Rx8	F4-3733C17Q-64GTZR	DS	Samsung	17-19-19-39	1.35v	v	v		v	2133	
3600	AORUS	8GB	1Rx8	GP-AR36C18S8K2HU416R	SS	Hynix	18-19-19-39	1.35v	v	v		v	2666	
3600	CORSAIR	4GB	1Rx8	CMK8GX4M2B3600C18	SS		18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C18 ver4.31	SS	Samsung	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C18R ver4.31	SS	Samsung	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	2Rx8	CMK16GX4M2B3600C18 ver4.31	SS	Samsung	18-19-19-39	1.35v	v			v	2133	
3600	CORSAIR	8GB	2Rx8	CMK16GX4M2B3600C18R ver4.31	SS	Samsung	18-19-19-39	1.35v	v			v	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C16R	SS		16-16-16-36	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMW32GX4M4C3600C18 ver4.31	SS	Samsung	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMT32GX4M4C3600C16 ver4.31	SS	Samsung	16-18-18-36	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4D3600C18 ver3.31	SS	Samsung	18-22-22-42	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMT16GX4M2C3600C18 ver4.31	SS	Samsung	18-19-19-39	1.35v	v			v	2133	
3600	CORSAIR	8GB	1Rx8	CMK16GX4M2Z3600C18 ver3.31	SS	Micron	18-22-22-42	1.35v	v			v	2133	
3600	CORSAIR	8GB	1Rx8	CMW16GX4M2Z3600C18 ver3.31	SS	Micron	18-22-22-42	1.35v	v			v	2133	
3600	CORSAIR	8GB	1Rx8	CMW32GX4M4D3600C18 ver 3.31	SS	Micron	18-22-22-42	1.35v	v	v		v	2133	
3600	CORSAIR	32GB	2Rx8	CMK64GX4M2D3600C18 ver 5.49	DS	Hynix	18-22-22-42	1.35v	v			v	2133	
3600	CORSAIR	32GB	2Rx8	CMK256GX4M8D3600C18 ver 5.49	DS	Hynix	18-22-22-42	1.35v	v	v	v	v	2133	
3600	CORSAIR	8GB	1Rx8	CMK64GX4M8X3600C18 ver4.31	SS	Samsung B	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMW64GX4M8X3600C18 ver4.31	SS	Samsung B	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMT64GX4M8X3600C18 ver4.31	SS	Samsung B	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK64GX4M8X3600C18 ver3.31	SS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMW64GX4M8X3600C18 ver3.31	SS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMT64GX4M8X3600C18 ver3.31	SS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4K3600C16 ver4.31	SS	Samsung B	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMW32GX4M4C3600C18 ver4.31	SS	Samsung B	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMT32GX4M4C3600C18 ver4.31	SS	Samsung B	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4C3600C18 ver3.31	SS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMW32GX4M4C3600C18 ver3.31	SS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMT32GX4M4C3600C18 ver3.31	SS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMT64GX4M4Z3600C16 ver4.31	DS	Samsung B	16-18-18-36	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK64GX4M4B3600C18 ver4.31	DS	Samsung B	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMW64GX4M4C3600C18 ver4.31	DS	Samsung B	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK64GX4M4B3600C18 ver3.31	DS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMW64GX4M4C3600C18 ver3.31	DS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMT64GX4M4K3600C18 ver3.31	DS	SpectekZ11	18-19-19-39	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMW16GX4M2Z3600C18 ver3.31	SS	SpectekZ11	18-22-22-42	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4D3600C18 ver5.33	SS	Hynix D	18-22-22-42	1.35v	v	v		v	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M2D3600C18 ver5.33	DS	Hynix D	18-22-22-42	1.35v	v	v		v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C17Q-32GVK	SS		17-18-18-38	1.35v	v	v		v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C16D-16GVK	SS		16-16-16-36	1.35v	v	v		v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C17Q-32GTZR	SS		17-18-18-38	1.35v	v	v		v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C18D-16GTZR	SS		18-22-22-42	1.35v	v			v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GTZNC	SS		16-19-19-39	1.35v	v	v		v	2133	
3600	G.SKILL	16GB	2Rx8	F4-3600C17Q-64GTZ	DS		17-19-19-39	1.35v	v	v		v	2133	
3600	G.SKILL	16GB	2Rx8	F4-3600C16Q-64GTZR	DS		16-16-16-36	1.35v	v	v		v	2133	
3600	G.SKILL	16GB	2Rx8	F4-3600C16Q-64GTZRC	DS		16-19-19-39	1.35v	v	v		v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GVK	SS		16-19-19-39	1.35v	v	v	v	v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C18Q-32GVK	SS		18-22-22-42	1.35v	v	v	v	v	2133	
3600	G.SKILL	16GB	2Rx8	F4-3600C18D-64GVK	DS		18-22-22-42	1.35v	v	v	v	v	2133	
3600	G.SKILL	32GB	2Rx8	F4-3600C18Q-128GVK	DS		18-22-22-42	1.35v	v	v	v	v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GTZR	SS		16-16-16-36	1.35v	v	v	v	v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GTZRC	SS		16-19-19-39	1.35v	v	v	v	v	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C18Q2-128GTZR	SS		18-22-22-42	1.35v	v	v	v	v	2133	
3600	G.SKILL	8GB	2Rx8	F4-3600C14Q2-64GTZN	SS		14-15-15-35	1.35v	v	v	v	v	2133	
3600	G.SKILL	8GB	2Rx8	F4-3600C14Q2-64GTZNB	SS		14-15-15-35	1.35v	v	v	v	v	2133	
3600	G.SKILL	16GB	2Rx8	F4-3600C18Q-128GTRG	DS		18-22-22-42	1.35v	v	v	v	v	2133	
3600	HyperX	8GB	1Rx8	HX436C17PB4/8	SS	Hynix	17-19-19	1.35v	v	v	v	v	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4K2/16	SS	Hynix	17-19-19	1.35v	v	v		v	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4K4/32	SS	Hynix	17-19-19	1.35v	v	v		v	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4AK2/16	SS	Hynix	17-19-19	1.35v	v	v		v	2400	

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Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
3600	HyperX	8GB	1Rx8	HX436C17PB4AK4/32	SS	Hynix	17-19-19	1.35v	v	v		v	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3/16	SS	Samsung	17-19-19-39	1.35v	v	v		v	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3K2/32	SS	Samsung	17-19-19-39	1.35v	v	v		v	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3K4/64	SS	Samsung	17-19-19-39	1.35v	v	v		v	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3/16	SS	Hynix	17-19-19-39	1.35v	v	v		v	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3K2/32	SS	Hynix	17-19-19-39	1.35v	v	v		v	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3K4/64	SS	Hynix	17-19-19-39	1.35v	v	v		v	2400	
3600	ADATA	8GB	1Rx8	AX4U360038G17-BRZ1	SS	Nanya	16-18-18	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-SRZ1	SS	Nanya	16-18-18	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-DRZ1	SS	Nanya	16-18-18	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-QRZ1	SS	Nanya	16-18-18	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-BR80	SS		17-18-18-38	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-SR80	SS		17-18-18-38	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-DR80	SS		17-18-18-38	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-QR80	SS		17-18-18-38	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-BR41	SS		17-18-18-38	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-SR41	SS		17-18-18-38	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-DR41	SS		17-18-18-38	1.35v	v	v	v	v	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-QR41	SS		17-18-18-38	1.35v	v	v	v	v	2666	
3600	Apacer	8GB	1Rx8	AHU08GGB36CJU5H	SS		18-18-18-42	1.35v	v	v	v	v	2400	
3600	BALLISTIX	8GB	1Rx8	BLE8G4D36BEEAK.M8FE1	SS	Micron	16-18-18-38	1.35v	v	v		v	2400	
3600	CRUCIAL	8GB	1Rx8	BLS8G4D36BESBK.8FE	SS	Micron	16-18-18-38	1.35v	v	v		v	2400	
3600	GEIL	8GB	1Rx8	GLS416GB3600C16ADC	SS		16-18-18-36	1.35v	v	v		v	2133	
3600	PATRIOT	8GB	1Rx8	PV416G360C7K	SS		CL17	1.35v	v	v		v	2133	
3600	Team	8GB	1Rx8	TXD432G3600HC18AQC01	SS	Samsung	18-20-20-39	1.35v	v	v		v	2133	
3600	Team	8GB	1Rx8	TXGD432G3600HC18AQC01	SS	Samsung	18-20-20-39	1.35v	v	v		v	2133	
3600	Team	8GB	1Rx8	TXD416G3600HC18ADC01	SS	Samsung	18-20-20-39	1.35v	v	v		v	2133	
3600	Team	8GB	1Rx8	TXGD416G3600HC18ADC01	SS	Samsung	18-20-20-39	1.35v	v	v		v	2133	
3600	Team	8GB	1Rx8	TXKD416G3600HC18ADC01	SS	Samsung	18-20-20-39	1.35v	v	v		v	2133	
3600	Team	8GB	1Rx8	TF5D416G3600HC18EDC01	SS	Samsung	18-20-20-44	1.35v	v	v		v	2400	
3600	Team	8GB	1Rx8	TF6D416G3600HC18EDC01	SS	Samsung	18-20-20-44	1.35v	v	v		v	2400	
3600	Team	8GB	1Rx8	TF1D416G3600HC18EDC01	SS	Samsung	18-20-20-44	1.35v	v	v		v	2400	
3600	Team	8GB	1Rx8	TF2D416G3600HC18EDC01	SS	Samsung	18-20-20-44	1.35v	v	v		v	2400	
3600	Thermaltake	8GB	1Rx8	R009D408GX2-3600C18A Ver 1.1.2	SS	Hynix	18-22-22-42	1.35v	v	v	v	v	2666	
3600	V-Color	8GB	1Rx8	TL48G36S8BNRGP18	SS	Hynix	18-19-19-39	1.35v	v	v		v	2666	
3600	V-Color	16GB	1Rx8	TO416G36S816CSPSK	SS	Hynix	16-20-20-38	1.3v	v	v	v	v	2666	
3600	V-Color	16GB	1Rx8	TL416G36S816CSPSW	SS	Hynix	16-20-20-38	1.35v	v	v	v	v	2666	
3600	V-Color	32GB	2Rx8	TO432G36D818CSPSK	DS	Hynix	18-22-22-42	1.3v	v	v	v	v	2666	
3600	V-Color	32GB	2Rx8	TL432G36D818CSPSW	DS	Hynix	18-22-22-42	1.35v	v	v	v	v	2666	
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GFX	SS		16-18-18-38	1.35v	v	v		v	2133	
3600	HyperX	8GB	1Rx8	HX436C17PB4A/8	SS	Hynix	17-19-19	1.35v	v	v		v	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4AK2/16	SS	Hynix	17-19-19	1.35v	v	v		v	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4AK4/32	SS	Hynix	17-19-19	1.35v	v	v		v	2400	
3600	GALAX	8GB	1Rx8	HOF4CAL1CST3600K17LD162C	SS		17-18-18-38	1.35v	v			v	2133	
3600	Thermaltake	8GB	1Rx8	CL-W262-CA00SW-A	SS	Hynix	18-19-19-39	1.35v	v	v		v	2666	
3400	CORSAIR	4GB	1Rx8	CMK16GX4M4B3400C16 ver 4.24	SS	Samsung	16-18-18-36	1.35v	v	v		v	2133	
3466	CORSAIR	8GB	1Rx8	CMK32GX4M4B3466C16	SS		16-18-18-36	1.35v	v	v		v	2133	
3466	CORSAIR	8GB	2Rx8	CMK16GX4M2B3466C16	DS		16-18-18-36	1.35v	v			v	2133	
3466	CORSAIR	8GB	1Rx8	CMK16GX4M2Z3466C16 ver4.31	SS	Samsung	16-18-18-36	1.35v	v			v	2133	
3466	CORSAIR	16GB	2Rx8	CMT64GX4M4C3466C16 ver4.31	DS	Samsung	16-18-18-36	1.35v	v	v		v	2133	
3400	G.SKILL	8GB	1Rx8	F4-3400C16Q2-64GTZ	SS	Samsung	16-18-18-38	1.35v	v	v	v	v	2133	
3466	G.SKILL	8GB	1Rx8	F4-3466C16Q2-64GTZ	SS	Samsung	16-18-18-38	1.35v	v	v	v	v	2133	
3466	G.SKILL	8GB	1Rx8	F4-3466C16D-16GFX	SS		16-16-16-36	1.35v	v			v	2133	
3400	G.SKILL	16GB	2Rx8	F4-3400C16Q-64GVK	DS	Samsung	16-16-16-36	1.35v	v	v		v	2133	
3466	G.SKILL	16GB	2Rx8	F4-3466C16Q-64GTZ	DS		16-18-18-38	1.35v	v	v		v	2133	
3466	HyperX	8GB	1Rx8	HX434C16FB3AK4/32	SS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	8GB	1Rx8	HX434C16FB3AK2/16	SS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	8GB	1Rx8	HX434C16FB3A/8	SS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	8GB	1Rx8	HX434C16FB3K4/32	SS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	8GB	1Rx8	HX434C16FB3K2/16	SS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	8GB	1Rx8	HX434C16FB3/8	SS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	16GB	2Rx8	HX434C16FB3AK4/64	DS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	16GB	2Rx8	HX434C16FB3AK2/32	DS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	16GB	2Rx8	HX434C16FB3A/16	DS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	16GB	2Rx8	HX434C16FB3K4/64	DS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	16GB	2Rx8	HX434C16FB3K2/32	DS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3466	HyperX	16GB	2Rx8	HX434C16FB3/16	DS	Samsung	16-18-18-36	1.35v	v	v		v	3000	
3400	Apacer	4GB	1Rx8	78.BAGN1.4020B	SS	Samsung	18-18-18-42	1.35v	v	v		v	2133	
3466	KLEVV	8GB	1Rx8	KD48GU880-34A170X	SS		17-19-19-39	1.35v	v	v		v	2666	
3400	PATRIOT	4GB	1Rx8	PV48G340C6K	SS		CL16	1.35v	v			v	2133	

Qualified Vendors List (QVL)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
3300	HyperX	8GB	1Rx8	HX433C16PB3K2/16	SS		16-18-18	1.35v	v	v		v	2133	
3300	HyperX	8GB	1Rx8	HX433C16PB3K4/32	SS		16-18-18	1.35v	v	v		v	2133	
3300	HyperX	8GB	1Rx8	HX433C16PB3K2/16	SS		16-18-18	1.35v	v	v		v	2133	
3300	HyperX	16GB	2Rx8	HX433C16PB3/16	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3300	HyperX	16GB	2Rx8	HX433C16PB3K2/32	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3300	HyperX	16GB	2Rx8	HX433C16PB3K4/64	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3333	CORSAIR	16GB	2Rx8	CMK64GX4M4B3333C16	DS		16-18-18-36	1.35v	v	v		v	2133	
3333	CORSAIR	16GB	2Rx8	CMK64GX4M4B3333C16R	DS		16-18-18-36	1.35v	v	v		v	2133	
3300	G.SKILL	8GB	1Rx8	F4-3300C16Q2-64GTZSW	SS	Samsung	16-16-16-36	1.35v	v	v	v	v	2133	
3333	G.SKILL	16GB	2Rx8	F4-3333C16Q2-128GTZSW	DS	Samsung	16-18-18-38	1.35v	v	v	v	v	2133	
3200	HyperX	4GB	1Rx8	HX432C16FB3K4/16	SS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	4GB	1Rx8	HX432C16FB3K2/8	SS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	4GB	1Rx8	HX432C16FB3/4	SS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	8GB	1Rx8	HX432C16PB3K4/32	SS	Hynix	16-18-18	1.35v	v	v		v	2133	
3200	HyperX	8GB	1Rx8	HX432C16PB3K2/16	SS	Hynix	16-18-18	1.35v	v	v		v	2133	
3200	HyperX	8GB	1Rx8	HX432C16PB3A/8	SS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	8GB	1Rx8	HX432C16PB3AK2/16	SS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	8GB	1Rx8	HX432C16PB3AK4/32	SS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	8GB	1Rx8	HX432C16FB3AK4/32	SS	Hynix	16-18-18	1.35v	v	v		v	2666	
3200	HyperX	8GB	1Rx8	HX432C16FB3AK2/16	SS	Hynix	16-18-18	1.35v	v	v		v	2666	
3200	HyperX	8GB	1Rx8	HX432C16FB3A/8	SS	Hynix	16-18-18	1.35v	v	v		v	2666	
3200	HyperX	8GB	1Rx8	HX432C16FB3K4/32	SS	Hynix	16-18-18	1.35v	v	v		v	2666	
3200	HyperX	8GB	1Rx8	HX432C16FB3K2/16	SS	Hynix	16-18-18	1.35v	v	v		v	2666	
3200	HyperX	8GB	1Rx8	HX432C16FB3/8	SS	Hynix	16-18-18	1.35v	v	v		v	2666	
3200	HyperX	16GB	2Rx8	HX432C16PB3/16	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16PB3K2/32	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16PB3K4/64	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16PB3AK4/64	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16PB3AK2/32	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16PB3/8	DS	Hynix	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16FB3AK4/64	DS	Micron	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16FB3AK2/32	DS	Micron	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16FB3A/16	DS	Micron	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16FB3K4/64	DS	Micron	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16FB3K2/32	DS	Micron	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	16GB	2Rx8	HX432C16FB3/16	DS	Micron	16-18-18-36	1.35v	v	v		v	2400	
3200	HyperX	32GB	2Rx8	HX432C16FB3/32	DS	Micron	16-20-20	1.35v	V	V		v	2400	
3200	HyperX	32GB	2Rx8	HX432C16FB3K2/64	DS	Micron	16-20-20	1.35v	V	V		v	2400	
3200	HyperX	32GB	2Rx8	HX432C16FB3K4/128	DS	Micron	16-20-20	1.35v	V	V		v	2400	
3200	Kingston	4GB	1Rx8	KVR32N2S6/4	SS	Micron	22-22-22-52	1.2V	v	v			3200	
3200	Kingston	8GB	1Rx8	KVR32N2S8/8	SS	Micron	22-22-22-52	1.2V	v	v			3200	
3200	Kingston	16GB	2Rx8	KVR32N2D8/16	DS	Micron	22-22-22-52	1.2V	v	v			3200	
3200	Kingston	32GB	2Rx8	KVR32N2D8/32	DS	Micron	22-22-22-52	1.2v	V	V			3200	
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4B3200C15	SS		16-17-17-35	1.35v	v			v	2133	
3200	CORSAIR	4GB	1Rx8	CMK8GX4M2B3200C16	SS		16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	4GB	1Rx8	CMK8GX4M2B3200C16R	SS		16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4B3200C16	SS		16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4C3200C16	SS		16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4C3200C16R	SS		16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	8GB	2Rx8	CMK16GX4M2B3200C16	DS		16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	8GB	2Rx8	CMK16GX4M2B3200C16R	DS		16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	8GB	2Rx8	CMK16GX4M2B3200C16W	DS		16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	8GB	1Rx8	CMK64GX4M8B3200C16	SS		16-18-18-36	1.35v	v	v	v	v	2133	
3200	CORSAIR	8GB	1Rx8	CMW32GX4M4C3200C16 ver5.32	SS	Hynix	16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	8GB	1Rx8	CMT32GX4M4C3200C16 ver4.31	SS	Samsung	16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	8GB	1Rx8	CMT32GX4M4Z3200C16 ver5.32	SS	Hynix	16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	8GB	1Rx8	CMK16GX4M2Z3200C16 ver4.31	SS	Samsung	16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2B3200C16	DS		16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2B3200C16R	DS		16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2B3200C16W	DS		16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	16GB	2Rx8	CMK64GX4M4B3200C16	DS		16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2D3200C16 ver3.31	DS	Micron	16-19-19-36	1.35v	v			v	2133	
3200	CORSAIR	16GB	2Rx8	CMT64GX4M4C3200C16 ver4.31	DS	Samsung	16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	16GB	2Rx8	CMW32GX4M2Z3200C16 ver3.31	DS	Micron	16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2Z3200C16 ver3.31	DS	Micron	16-18-18-36	1.35v	v			v	2133	
3200	CORSAIR	32GB	2Rx8	CMK64GX4M2C3200C16 ver 5.49	DS	Hynix	16-18-18-35	1.35	V			v	2133	
3200	CORSAIR	8GB	1Rx8	CMK128GX4M8B3200C16	DS	Samsung B	16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	8GB	1Rx8	CMW128GX4M8C3200C16	DS	Samsung B	16-18-18-36	1.35v	v	v		v	2133	
3200	CORSAIR	8GB	1Rx8	CMK16GX4M2E3200C16	SS	Samsung C	16-20-20-38	1.35v	v	v			2133	
3200	CORSAIR	8GB	1Rx8	CMK32GX4M2E3200C16	DS	Samsung C	16-20-20-38	1.35v	v	v			2133	
3200	CORSAIR	8GB	1Rx8	CMK32GX4M4B3200C16	SS	Hynix D	16-18-18-36	1.35v	v	v			2133	

Qualified Vendors List (QVL)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
3200	CORSAIR	8GB	1Rx8	CMK64GX4M8B3200C16	SS	Hynix D	16-18-18-36	1.35v	v	v			2133	
3200	CORSAIR	8GB	1Rx8	CMK64GX4M4B3200C16	DS	Hynix D	16-18-18-36	1.35v	v	v			2133	
3200	CORSAIR	8GB	1Rx8	CMK128GX4M8B3200C16	DS	Hynix D	16-18-18-36	1.35v	v	v			2133	
3200	CORSAIR	8GB	1Rx8	CMK128GX4M4C3200C16	DS	Hynix M	16-18-18-36	1.35v	v	v			2133	
3200	G.SKILL	4GB	1Rx8	F4-3200C16Q-16GRK	SS		16-16-16-36	1.35v	v	v		v	2133	
3200	G.SKILL	8GB	2Rx8	F4-3200C16Q-32GVK	DS		16-16-16-36	1.35v	v	v		v	2133	
3200	G.SKILL	8GB	2Rx8	F4-3200C16D-16GVKB	DS		16-18-18-38	1.35v	v			v	2133	
3200	G.SKILL	8GB	1Rx8	F4-3200C14Q2-64GVK	SS	Samsung	14-14-14-34	1.35v	v	v	v	v	2133	
3200	G.SKILL	8GB	1Rx8	F4-3200C15Q2-64GVR	SS	Samsung	15-15-15-35	1.35v	v	v	v	v	2133	
3200	G.SKILL	8GB	1Rx8	F4-3200C14Q-32GFZ	SS		14-14-14-34	1.35v	v	v		v	2133	
3200	G.SKILL	8GB	1Rx8	F4-3200C16Q-32GTZR	SS		16-18-18-38	1.35v	v			v	2133	
3200	G.SKILL	16GB	2Rx8	F4-3200C16Q-64GVK	DS	Samsung	16-18-18-38	1.35v	v	v		v	2133	
3200	G.SKILL	16GB	2Rx8	F4-3200C14Q-64GVK	DS	Samsung	14-14-14-34	1.35v	v	v		v	2133	
3200	G.SKILL	16GB	2Rx8	F4-3200C14Q2-128GTZ	DS	Samsung	14-14-14-34	1.35v	v	v	v	v	2133	
3200	G.SKILL	8GB	1Rx8	F4-3200C16Q-32GVRB	SS		16-18-18-38	1.35v	v	v	v	v	2133	
3200	G.SKILL	8GB	1Rx8	F4-3200C14Q-32GVK	SS		14-14-14-34	1.35v	v	v	v	v	2133	
3200	G.SKILL	16GB	2Rx8	F4-3200C14Q-64GTZSW	DS		14-14-14-34	1.35v	v	v	v	v	2133	
3200	G.SKILL	16GB	2Rx8	F4-3200C16Q-64GTZ	DS		16-18-18-38	1.35v	v	v	v	v	2133	
3200	G.SKILL	32GB	2Rx8	F4-3200C16Q-128GVK	DS		16-18-18-38	1.35v	v	v	v	v	2133	
3200	G.SKILL	8GB	1Rx8	F4-3200C16Q-32GVTZR	SS		16-18-18-38	1.35v	v	v	v	v	2133	
3200	G.SKILL	8GB	1Rx8	F4-3200C14Q-32GTZR	SS		14-14-14-34	1.35v	v	v	v	v	2133	
3200	G.SKILL	16GB	2Rx8	F4-3200C14Q-64GTZR	DS		14-14-14-34	1.35v	v	v	v	v	2133	
3200	G.SKILL	16GB	2Rx8	F4-3200C16Q-64GTZR	DS		16-18-18-38	1.35v	v	v	v	v	2133	
3200	G.SKILL	32GB	2Rx8	F4-3200C16Q-256GTZNC	DS		16-18-18-38	1.35v	v	v	v	v	2133	
3200	GIGABYTE	32GB	2Rx8	GP-DSG64G32	DS	Hynix	16-18-18-38	1.35v	V	V			3200	
3200	AORUS	8GB	1Rx8	GP-AR32C16S8K2SU416R	SS	Samsung	16-18-18-38	1.35v	v			v	2133	
3200	AORUS	8GB	1Rx8	GP-AR32C16S8K2HU416R	SS	Hynix	16-18-18-38	1.35v	v			v	2666	
3200	ADATA	8GB	1Rx8	AX4U320038G16-BR80	SS	Hynix	16-18-18-36	1.35v	v	v		v	2666	
3200	ADATA	8GB	1Rx8	AX4U320038G16-SR80	SS	Hynix	16-18-18-36	1.35v	v	v		v	2666	
3200	ADATA	8GB	1Rx8	AX4U320038G16-DR80	SS	Hynix	16-18-18-36	1.35v	v	v		v	2666	
3200	ADATA	8GB	1Rx8	AX4U320038G16-QR80	SS	Hynix	16-18-18-36	1.35v	v	v		v	2666	
3200	ADATA	16GB	2Rx8	AX4U3200316G16-BR80	SS	Samsung	16-18-18-36	1.35v	v	v			2666	
3200	ADATA	16GB	2Rx8	AX4U3200316G16-SR80	SS	Samsung	16-18-18-36	1.35v	v	v			2666	
3200	ADATA	16GB	2Rx8	AX4U3200316G16-DR80	SS	Samsung	16-18-18-36	1.35v	v	v			2666	
3200	ADATA	16GB	2Rx8	AX4U3200316G16-QR80	SS	Samsung	16-18-18-36	1.35v	v	v			2666	
3200	Apacer	8GB	1Rx8	AH4U08G32C08YNBAA	SS	Hynix	16-18-18-38	1.35v	v			v	2133	
3200	BALLISTIX	8GB	1Rx8	BLT8G4D32AET4K.M8FE1	SS	Micron	16-18-18-36	1.35v	v	v		v	2400	
3200	CRUCIAL	4GB	1Rx8	CT4G4DFS632A.4FJ1	SS	Micron	22-22-22-52	1.2v	v	v			3200	
3200	CRUCIAL	8GB	1Rx8	BLS8G4D32AESBK.8FE	SS	Micron	16-18-18-38	1.35v	v	v		v	2400	
3200	CRUCIAL	8GB	1Rx8	CT8G4DFS832A.8FE1	SS	Micron	22-22-22-52	1.2v	v	v			3200	
3200	CRUCIAL	16GB	2Rx8	BLS16G4D32AESB.M16FE	DS	Micron	16-18-18-36	1.35v	v	v		v	2400	
3200	CRUCIAL	16GB	2Rx8	CT16G4DFD832A.16FE1	DS	Micron	22-22-22-52	1.2v	v	v			3200	
3200	PATRIOT	4GB	1Rx8	PV48G320C6K	SS		CL16	1.35v	v			v	2133	
3200	PATRIOT	8GB	1Rx8	PV416G320C6K	SS		CL16	1.35v	v			v	2133	
3200	PATRIOT	8GB	1Rx8	PVR416G320C6K	SS		16-18-18-36	1.35v	v			v	2133	
3200	PATRIOT	8GB	1Rx8	PVR416G320C6KW	SS		16-18-18-36	1.35v	v			v	2133	
3200	PATRIOT	16GB	2Rx8	PV432G320C6K	DS		CL16	1.35v	v			v	2133	
3200	KLEVV	8GB	1Rx8	IM48GU88A32-GIIEZ	DS		16-18-18	1.35v	v	v		v	2133	
3200	KLEVV	8GB	1Rx8	KD48GU880-32A160T	SS		16-18-18-38	1.35v	v	v		v	2666	
3200	Thermaltake	8GB	1Rx8	CL-W251-CA00SW-A	SS	Hynix	16-18-18-38	1.35v	v	v		v	2666	
3200	Thermaltake	8GB	1Rx8	CL-W252-CA00SW-A	SS	Hynix	16-18-18-38	1.35v	v	v		v	2666	
3200	Thermaltake	8GB	1Rx8	R009D408GX2-3200C16A Ver 1.1.2	SS	Hynix	16-18-18-38	1.35v	v	v		v	2666	
3200	Thermaltake	8GB	1Rx8	R009D408GX2-3200C16A Ver:1.1.3	SS	Hynix	16-18-18-36	1.35v	v	v		v	2666	
3200	Neo Forza	8GB	1Rx8	NMUD480E81-3200DD30	SS	Hynix	16-18-18-16	1.35v	v	v		v	2133	
3200	Neo Forza	8GB	1Rx8	NMUD480E81-3200DA30	SS	Hynix	16-18-18-16	1.35v	v	v		v	2133	
3200	Neo Forza	8GB	1Rx8	NMUD480E81-3200DB30	SS	Hynix	16-18-18-16	1.35v	v	v		v	2133	
3200	Neo Forza	8GB	1Rx8	NMUD480E81-3200DC30	SS	Hynix	16-18-18-16	1.35v	v	v		v	2133	
3200	Neo Forza	16GB	2Rx8	NMUD416E81-3200DD30	DS	Hynix	16-18-18-16	1.35v	v	v		v	2133	
3200	Neo Forza	16GB	2Rx8	NMUD416E81-3200DA30	DS	Hynix	16-18-18-16	1.35v	v	v		v	2133	
3200	Neo Forza	16GB	2Rx8	NMUD416E81-3200DB30	DS	Hynix	16-18-18-16	1.35v	v	v		v	2133	
3200	Neo Forza	16GB	2Rx8	NMUD416E81-3200DC30	DS	Hynix	16-18-18-16	1.35v	v	v		v	2133	
3000	HyperX	4GB	1Rx8	HX430C15FB3K4/16	SS	Hynix	15-17-17	1.35v	v	v		v	2133	
3000	HyperX	4GB	1Rx8	HX430C15FB3K2/8	SS	Hynix	15-17-17	1.35v	v	v		v	2133	
3000	HyperX	4GB	1Rx8	HX430C15FB3/4	SS	Hynix	15-17-17	1.35v	v	v		v	2133	
3000	HyperX	8GB	1Rx8	HX430C15PB3K4/32	SS	Hynix	C15	1.35v	v	v		v	2133	
3000	HyperX	8GB	1Rx8	HX430C15PB3K2/16	SS	Hynix	C15	1.35v	v	v		v	2133	
3000	HyperX	8GB	1Rx8	HX430C15PB3/8	SS	Hynix	C15	1.35v	v	v		v	2133	
3000	HyperX	8GB	1Rx8	HX430C15PB3AK4/32	SS	Hynix	15-17-17-36	1.35v	v	v		v	2400	
3000	HyperX	8GB	1Rx8	HX430C15PB3AK2/16	SS	Hynix	15-17-17-36	1.35v	v	v		v	2400	
3000	HyperX	8GB	1Rx8	HX430C15PB3A/8	SS	Hynix	15-17-17-36	1.35v	v	v		v	2400	

Qualified Vendors List (QVL)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
3000	HyperX	8GB	1Rx8	HX430C15FB3K4/32	SS	Hynix	15-17-17-36	1.35v	v	v		v	2400	
3000	HyperX	8GB	1Rx8	HX430C15FB3K2/16	SS	Hynix	15-17-17-36	1.35v	v	v		v	2400	
3000	HyperX	8GB	1Rx8	HX430C15FB3/8	SS	Hynix	15-17-17-36	1.35v	v	v		v	2400	
3000	HyperX	8GB	1Rx8	HX430C15FB3AK4/32	SS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	8GB	1Rx8	HX430C15FB3AK2/16	SS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	8GB	1Rx8	HX430C15FB3A/8	SS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	16GB	2Rx8	HX430C15PB3K4/64	DS	Hynix	C15	1.35v	v	v		v	2133	
3000	HyperX	16GB	2Rx8	HX430C15PB3K2/32	DS	Hynix	C15	1.35v	v	v		v	2133	
3000	HyperX	16GB	2Rx8	HX430C15PB3K8/128	DS	Hynix	C15	1.35v	v	v		v	2133	
3000	HyperX	16GB	2Rx8	HX430C15PB3K4/64	DS	Hynix	C15	1.35v	v	v		v	2133	
3000	HyperX	16GB	2Rx8	HX430C15PB3K2/32	DS	Hynix	C15	1.35v	v	v		v	2133	
3000	HyperX	16GB	2Rx8	HX430C15PB3AK4/64	DS	Hynix	15-17-17-36	1.35v	v	v		v	2400	
3000	HyperX	16GB	2Rx8	HX430C15PB3AK2/32	DS	Hynix	15-17-17-36	1.35v	v	v		v	2400	
3000	HyperX	16GB	2Rx8	HX430C15PB3A/16	DS	Hynix	15-17-17-36	1.35v	v	v		v	2400	
3000	HyperX	16GB	2Rx8	HX430C15PB3AK4/64	DS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	16GB	2Rx8	HX430C15FB3AK2/32	DS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	16GB	2Rx8	HX430C15FB3A/16	DS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	16GB	2Rx8	HX430C15PB3K4/64	DS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	16GB	2Rx8	HX430C15FB3K2/32	DS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	16GB	2Rx8	HX430C15FB3/16	DS	Hynix	15-17-17	1.35v	v	v		v	2666	
3000	HyperX	32GB	2Rx8	HX430C16FB3/32	DS	Micron	16-19-19	1.35v	V	V		v	2400	
3000	HyperX	32GB	2Rx8	HX430C16FB3K2/64	DS	Micron	16-19-19	1.35v	V	V		v	2400	
3000	HyperX	32GB	2Rx8	HX430C16FB3K4/128	DS	Micron	16-19-19	1.35v	V	V		v	2400	
3000	CORSAIR	4GB	1Rx8	CMK16GX4M4B3000C15	SS		15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	4GB	1Rx8	CMK16GX4M4B3000C15B	SS		15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	4GB	1Rx8	CMK16GX4M4B3000C15R	SS		15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	4GB	1Rx8	CMK8GX4M2B3000C15	SS		15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	4GB	1Rx8	CMK8GX4M2B3000C15R	SS		15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	2Rx8	CMK16GX4M2B3000C15 ver4.23	DS	Samsung	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	2Rx8	CMK16GX4M2B3000C15B ver4.23	DS	Samsung	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	2Rx8	CMK16GX4M2B3000C15R ver4.23	DS	Samsung	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	2Rx8	CMK16GX4M2B3000C15W ver4.23	DS	Samsung	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15 ver5.30	SS	Hynix	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15B ver5.30	SS	Hynix	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15R ver5.30	SS	Hynix	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15W ver5.30	SS	Hynix	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	2Rx8	CM4X8GC3000C15K4-CN ver4.24	DS	Samsung	15-17-17-35	1.35v	v	v		v	2133	
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15 ver3.32	SS	Micron	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2C3000C16 ver3.31	SS	Micron	16-18-18-36	1.35v	v			v	2133	
3000	CORSAIR	8GB	1Rx8	CMR16GX4M2C3000C15 ver5.30	SS	Hynix	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	8GB	1Rx8	CMW32GX4M4C3000C15 ver5.32	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	CORSAIR	8GB	1Rx8	CMW64GX4M8C3000C15 ver5.32	SS	Hynix	15-17-17-35	1.35v	v	v	v	v	2133	
3000	CORSAIR	8GB	1Rx8	CMT32GX4M4C3000C15 ver5.32	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	CORSAIR	16GB	2Rx8	CMK32GX4M2B3000C15 ver5.39	DS	Hynix	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	16GB	2Rx8	CMK64GX4M4B3000C15	DS		15-17-17-35	1.35v	v	v		v	2133	
3000	CORSAIR	16GB	2Rx8	CMK128GX4M8B3000C16	DS		16-18-18-36	1.35v	v	v	v	v	2133	
3000	CORSAIR	16GB	2Rx8	CMR32GX4M2C3000C15 ver4.31	DS	Samsung	15-17-17-35	1.35v	v			v	2133	
3000	CORSAIR	32GB	2Rx8	CMK64GX4M2D3000C16 ver3.40	DS	Micron	16-20-20-38	1.2v	v			v	2133	
3000	CORSAIR	32GB	2Rx8	CMK64GX4M2C3000C15 ver 5.49	DS	Hynix	15-17-17-35	1.35v	V			v	2133	
3000	CRUCIAL	16GB	2Rx8	BLT16G4D30BET4.C16FD	DS	Micron	16-18-18-38	1.35v	v			v	2400	
3000	G.SKILL	4GB	1Rx8	F4-3000C15Q-16GVR	SS		15-15-15-35	1.35v	v	v		v	2133	
3000	G.SKILL	8GB	2Rx8	F4-3000C15Q-32GRK	DS		15-15-15-35	1.35v	v	v		v	2133	
3000	G.SKILL	8GB	1Rx8	F4-3000C15Q2-64GVR	SS		15-15-15-35	1.35v	v	v	v	v	2133	
3000	G.SKILL	8GB	1Rx8	F4-3000C16D-16GTZR	SS		16-18-18-38	1.35v	v			v	2133	
3000	G.SKILL	16GB	2Rx8	F4-3000C14Q2-128GVKD	DS		14-14-14-34	1.35v	v	v		v	2133	
3000	GALAX	8GB	1Rx8	HOF4CAL1CS3000G16LD162C	SS		16-18-18-38	1.35v	v			v	2133	
3000	GALAX	8GB	2Rx8	Gamer II RGB DDR4 3000 16G(8G*2)	DS		16-18-18-38	1.35v	v			v	2133	
3000	ADATA	8GB	1Rx8	AX4U300038G16-BRZ1	SS	SPECTEK	16-18-18-38	1.35v	v	v		v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-SRZ1	SS	SPECTEK	16-18-18-38	1.35v	v	v		v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-DRZ1	SS	SPECTEK	16-18-18-38	1.35v	v	v		v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-QRZ1	SS	SPECTEK	16-18-18-38	1.35v	v	v		v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-BRZ1	SS	SPECTEK	16-18-18-36	1.35v	v	v		v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-SRZ1	SS	SPECTEK	16-18-18-36	1.35v	v	v		v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-DRZ1	SS	SPECTEK	16-18-18-36	1.35v	v	v		v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-QRZ1	SS	SPECTEK	16-18-18-36	1.35v	v	v		v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-BR80	SS		16-18-18-36	1.35v	v			v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-SR80	SS		16-18-18-36	1.35v	v			v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-DR80	SS		16-18-18-36	1.35v	v			v	2666	
3000	ADATA	8GB	1Rx8	AX4U300038G16-QR80	SS		16-18-18-36	1.35v	v			v	2666	
3000	Apacer	8GB	2Rx8	AHU08GGB30CDT5H	DS		16-16-16-36		v	v		v	2133	

Qualified Vendors List (QVL)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
3000	Apacer	8GB	1Rx8	AHU08GGB30CDU7V	SS		16-16-16-36	1.35v	v	v		v	2133	
3000	Apacer	8GB	1Rx8	AHU08GGB30CKU8R (EK.16GAZ.GJDK2)	SS		16-18-18-38	1.35v	v	v		v	2400	
3000	GEIL	8GB	2Rx8	GSB416GB3000C16ADC	DS		16-18-18-36	1.35v	v	v		v	2133	
3000	GEIL	8GB	2Rx8	GSB432GB3000C16AQC	DS		16-18-18-36	1.35v	v	v		v	2133	
3000	GEIL	8GB	1Rx8	GLS416GB3000C16ADC	SS		16-18-18-36	1.35v	v	v		v	2133	
3000	GEIL	8GB	1Rx8	GLS432GB3000C16AQC	SS		16-18-18-36	1.35v	v	v		v	2133	
3000	GEIL	8GB	2Rx8	GLS432GB3000C16ADC	DS		16-18-18-36	1.35v	v	v		v	2133	
3000	GEIL	8GB	2Rx8	GLS464GB3000C16AQC	DS		16-18-18-36	1.35v	v	v		v	2133	
3000	PATRIOT	8GB	1Rx8	PV416G300C6K	SS		CL16	1.35v	v			v	2133	
3000	KLEVV	4GB	1Rx8	KM4B4GX1A-3000-15-16-16-36-0	SS		15-16-16-36	1.35v	v	v		v	2400	
3000	KLEVV	4GB	1Rx8	KM4Z4GX1A-3000-15-16-16-36-1	SS		15-16-16-36	1.35v	v	v		v	2400	
3000	KLEVV	8GB	1Rx8	KM4B8GX1A-3000-15-16-16-36-0	SS		15-16-16-36	1.35v	v	v		v	2400	
3000	KLEVV	8GB	1Rx8	KM4Z8GX1A-3000-15-16-16-36-1	SS		15-16-16-36	1.35v	v	v		v	2400	
3000	KLEVV	16GB	2Rx8	KM4B16X1A-3000-15-16-16-36-0	DS		15-16-16-36	1.35v	v	v		v	2400	
3000	KLEVV	16GB	2Rx8	KM4Z16X1A-3000-15-16-16-36-0	DS		15-16-16-36	1.35v	v	v		v	2400	
3000	Team	4GB	1Rx8	TLRED416G3000HC16CQC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Team	4GB	1Rx8	TDGED416G3000HC16CQC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Team	4GB	1Rx8	TDRED416G3000HC16CDC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Team	4GB	1Rx8	TLRED48G3000HC16CDC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Team	4GB	1Rx8	TDGED48G3000HC16CDC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Team	8GB	1Rx8	TF1D416G3000HC16CDC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Team	8GB	1Rx8	TF2D416G3000HC16CDC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Team	8GB	1Rx8	TF3D416G3000HC16CDC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Team	8GB	1Rx8	TF4D416G3000HC16CDC01	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Thermaltake	8GB	1Rx8	R009D408GX2-3000C16A Ver 1.1.2	SS	Hynix	16-18-18-38	1.35v	v			v	2666	
3000	Thermaltake	8GB	1Rx8	R009D408GX2-3000C16B Ver:1.1.3	SS	Hynix	16-18-18-36	1.35v	v			v	2666	
3000	V-Color	8GB	1Rx8	TL48G30S816B	SS		CL16	1.35v	v	v		v	2133	
3000	V-Color	8GB	1Rx8	TL48G30S816RGB	SS		16-18-18-38	1.35v	v	v		v	2133	
3000	Neo Forza	8GB	1Rx8	NMUD480E82-3000DC30	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	8GB	1Rx8	NMUD480E82-3000DA30	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	8GB	1Rx8	NMUD480E82-3000DB30	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	8GB	1Rx8	NMUD480E82-3000DD30	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	8GB	1Rx8	NMUD480E81-3000DC30	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	8GB	1Rx8	NMUD480E81-3000DA30	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	8GB	1Rx8	NMUD480E81-3000DB30	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	8GB	1Rx8	NMUD480E81-3000DD30	SS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	16GB	2Rx8	NMUD416E82-3000DC30	DS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	16GB	2Rx8	NMUD416E82-3000DA30	DS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	16GB	2Rx8	NMUD416E82-3000DB30	DS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	16GB	2Rx8	NMUD416E82-3000DD30	DS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	16GB	2Rx8	NMUD416E81-3000DC30	DS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	16GB	2Rx8	NMUD416E81-3000DA30	DS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	16GB	2Rx8	NMUD416E81-3000DB30	DS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
3000	Neo Forza	16GB	2Rx8	NMUD416E81-3000DD30	DS	Hynix	15-17-17-35	1.35v	v	v		v	2133	
2933	CORSAIR	16GB	2Rx8	CMK128GX4M8Z2933C16 ver 4.31	DS	Samsung	16-18-18-36	1.35v	v	v	v	v	2133	
2933	CORSAIR	8GB	1Rx8	CMK64GX4M8Z2933C16	SS	Samsung B	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	16GB	2Rx8	CMK128GX4M8Z2933C16	DS	Samsung B	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	16GB	2Rx8	CMW128GX4M8Z2933C16	DS	Samsung B	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMW64GX4M4Z2933C16	DS	Hynix C	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	16GB	2Rx8	CMW128GX4M8Z2933C16	DS	Hynix C	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMK32GX4M4Z2933C16	SS	Hynix C	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMW32GX4M4Z2933C16	SS	Hynix C	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMW64GX4M8Z2933C16	SS	Hynix C	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMK32GX4M4Z2933C16	SS	Samsung C	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMW32GX4M4Z2933C16	SS	SPECTEKZ11	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMK32GX4M4Z2933C16	SS	Hynix J	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMK64GX4M8Z2933C16	SS	Hynix J	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	8GB	1Rx8	CMW32GX4M4Z2933C16	SS	Hynix J	16-18-18-36	1.35v	v	v		v	2133	
2933	CORSAIR	16GB	2Rx8	CMW128GX4M8Z2933C16	DS	Hynix J	16-18-18-36	1.35v	v	v		v	2133	
2933	HyperX	8GB	1Rx8	HX429C15PB3AK4/32	SS		CL15	1.35v	v	v		v	2933	
2800	G.SKILL	8GB	2Rx8	F4-2800C15Q2-64GRK	DS		15-16-16-35	1.25v	v	v	v	v	2133	
2800	G.SKILL	16GB	2Rx8	F4-2800C15Q2-128GRKD	DS		15-15-15-35	1.35v	v	v	v	v	2133	
2666	HyperX	4GB	1Rx8	HX426C16FB3K4/16	SS	Micron	16-18-18	1.2v	v	v		v	2133	
2666	HyperX	4GB	1Rx8	HX426C16FB3K2/8	SS	Micron	16-18-18	1.2v	v	v		v	2133	
2666	HyperX	4GB	1Rx8	HX426C16FB3/4	SS	Micron	16-18-18	1.2v	v	v		v	2133	
2666	HyperX	8GB	1Rx8	HX426C13PB3K4/32	SS	Hynix	CL13	1.35	v	v		v	2400	
2666	HyperX	8GB	1Rx8	HX426C13PB3K2/16	SS	Hynix	CL13	1.35	v	v		v	2400	
2666	HyperX	8GB	1Rx8	HX426C13PB3/8	SS	Hynix	CL13	1.35	v	v		v	2400	
2666	HyperX	8GB	1Rx8	HX426C16FB3AK4/32	SS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	8GB	1Rx8	HX426C16FB3AK2/16	SS	Hynix	16-18-18	1.2v	v	v		v	2666	

Qualified Vendors List (QVL)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
2666	HyperX	8GB	1Rx8	HX426C16FB3A/8	SS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	8GB	1Rx8	HX426C16FB3K4/32	SS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	8GB	1Rx8	HX426C16FB3K2/16	SS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	8GB	1Rx8	HX426C16FB3/8	SS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	16GB	2Rx8	HX426C13PB3K4/64	DS	Hynix	CL13	1.35	v	v		v	2400	
2666	HyperX	16GB	2Rx8	HX426C13PB3K2/32	DS	Hynix	CL13	1.35	v	v		v	2400	
2666	HyperX	16GB	2Rx8	HX426C13PB3/16	DS	Hynix	CL13	1.35	v	v		v	2400	
2666	HyperX	16GB	2Rx8	HX426C16FB3AK4/64	DS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	16GB	2Rx8	HX426C16FB3AK2/32	DS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	16GB	2Rx8	HX426C16FB3A/16	DS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	16GB	2Rx8	HX426C16FB3K4/64	DS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	16GB	2Rx8	HX426C16FB3K2/32	DS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	HyperX	16GB	2Rx8	HX426C16FB3/16	DS	Hynix	16-18-18	1.2v	v	v		v	2666	
2666	Kingston	8GB	1Rx8	KVR26N19S8/8	SS	Micron	CL19	1.2v	v	v			2666	
2666	Kingston	8GB	1Rx8	KVR26N19S8/8	SS	Micron	CL19	1.2v	v	v			2666	
2666	Kingston	16GB	2Rx8	KVR26N19D8/16	DS	Micron	CL19	1.2v	v	v			2666	
2666	Kingston	16GB	2Rx8	KVR26N19D8/16	DS	Micron	CL19	1.2v	v	v			2666	
2666	Kingston	32GB	2Rx8	KVR26N19D8/32	DS	Micron	19-19-19-43	1.2v	V	V			2666	
2666	CORSAIR	4GB	1Rx8	CMK16GX4M4A2666C16 ver 3.21	SS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	4GB	1Rx8	CMK16GX4M4A2666C16B ver 3.21	SS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	4GB	1Rx8	CMK16GX4M4A2666C16R ver 3.21	SS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	4GB	1Rx8	CMV4GX4M1A2666C18	SS		18-18-18-43	1.2v	v				2666	
2666	CORSAIR	4GB	1Rx8	CMK8GX4M2A2666C16 ver3.22	SS	Micron	16-18-18-35	1.2v	v			v	2133	
2666	CORSAIR	8GB	2Rx8	CMK64GX4M8A2666C16	DS	Samsung	16-18-18-35	1.2v	v	v	v	v	2133	
2666	CORSAIR	8GB	2Rx8	CMK32GX4M4A2666C16 ver3.21	DS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	8GB	2Rx8	CMK32GX4M4A2666C16B ver3.21	DS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	8GB	2Rx8	CMK32GX4M4A2666C16R ver .21	DS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	8GB	2Rx8	CMK32GX4M4A2666C16W ver3.21	DS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	8GB	1Rx8	CMK32GX4M4A2666C16 ver5.30	SS	Hynix	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	8GB	1Rx8	CMK32GX4M4A2666C16B ver5.30	SS	Hynix	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	8GB	1Rx8	CMK32GX4M4A2666C16R ver5.30	SS	Hynix	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	8GB	1Rx8	CMK32GX4M4A2666C16W ver5.30	SS	Hynix	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	8GB	1Rx8	CMK16GX4M2A2666C16 ver5.30	DS	Hynix	16-18-18-35	1.2v	v			v	2133	
2666	CORSAIR	8GB	1Rx8	CMK16GX4M2A2666C16R ver5.30	DS	Hynix	16-18-18-35	1.2v	v			v	2133	
2666	CORSAIR	8GB	1Rx8	CMK16GX4M2A2666C16W ver5.30	DS	Hynix	16-18-18-35	1.2v	v			v	2133	
2666	CORSAIR	8GB	1Rx8	CMK16GX4M2D2666C16 ver4.21	SS	Samsung	16-18-18-35	1.2v	v			v	2133	
2666	CORSAIR	8GB	1Rx8	CMV8GX4M1A2666C18	SS		18-18-18-43	1.2v	v				2666	
2666	CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16	DS		16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16R	DS		16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16W	DS		16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16 ver 4.31	DS	Samsung	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16R ver 4.31	DS	Samsung	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16R	DS		16-18-18-35	1.2v	v			v	2133	
2666	CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16 ver3.31	DS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16W ver3.31	DS	Micron	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	16GB	2Rx8	CMK16GX4M1A2666C16 ver5.39	DS	Hynix	16-18-18-35	1.2v	v	v		v	2133	
2666	CORSAIR	16GB	2Rx8	CMK128GX4M8A2666C16 ver5.39	DS	Hynix	16-18-18-35	1.2v	v	v	v	v	2133	
2666	CORSAIR	16GB	2Rx8	CMV16GX4M1A2666C18	DS		18-18-18-43	1.2v	v				2666	
2666	CORSAIR	16GB	2Rx8	CMK128GX4M8A2666C16 ver3.32	DS	Micron	16-18-18-35	1.2v	v	v	v	v	2133	
2666	CORSAIR	32GB	2Rx8	CMV32GX4M1A2666C18	DS	Micron	C18	1.2v	v	v			2666	
2666	GIGABYTE	8GB	1Rx8	GP-GR26C16S8K2HU416	SS	Hynix	19-19-19-43	1.2v	v	v		v	2666	
2666	CORSAIR	32GB	2Rx8	CMK128GX4M4A2666C16 ver 3.40	DS	spectek	16-18-18-35	1.2v	V	V		v	2133	
2666	CORSAIR	32GB	2Rx8	CMK256GX4M8A2666C16 ver 5.49	DS	Hynix	16-18-18-35	1.2v	V	V		v	2133	
2666	ADATA	8GB	1Rx8	AD4U266638G19-B	SS	spectek	C19	1.2v	v	v			2666	
2666	ADATA	8GB	1Rx8	AD4U266638G-S	SS	Hynix	19-19-19-43	1.2	v	v		v	2133	
2666	ADATA	8GB	1Rx8	AD4U266638G-R	SS	Hynix	19-19-19-43	1.2	v	v		v	2133	
2666	ADATA	8GB	1Rx8	AD4U266638G-D	SS	Hynix	19-19-19-43	1.2	v	v		v	2133	
2666	ADATA	8GB	1Rx8	AD4U266638G19-B	SS	spectek	19-19-19-43	1.2	v	v			2666	
2666	ADATA	8GB	1Rx8	AD4U266638G19-S	SS	spectek	19-19-19-43	1.2	v	v			2666	
2666	ADATA	8GB	1Rx8	AD4U266638G19-R	SS	spectek	19-19-19-43	1.2	v	v			2666	
2666	ADATA	8GB	1Rx8	AD4U266638G19-D	SS	spectek	19-19-19-43	1.2	v	v			2666	
2666	ADATA	8GB	1Rx8	AX4U266638G16-BR30	SS	Hynix	16-18-18-38	1.2	v	v		v	2666	
2666	ADATA	16GB	2Rx8	AX4U2666316G16-BRZ1	SS	spectek	16-16-16-39	1.2v	v	v			2666	
2666	ADATA	16GB	2Rx8	AX4U2666316G16-SRZ1	SS	spectek	16-16-16-39	1.2v	v	v			2666	
2666	ADATA	16GB	2Rx8	AX4U2666316G16-DRZ1	SS	spectek	16-16-16-39	1.2v	v	v			2666	
2666	ADATA	16GB	2Rx8	AX4U2666316G16-QRZ1	SS	spectek	16-16-16-39	1.2v	v	v			2666	
2666	ADATA	16GB	2Rx8	AX4U2666316G16-BR80	SS	spectek	16-16-16-39	1.2v	v	v			2666	
2666	ADATA	16GB	2Rx8	AX4U2666316G16-SR80	SS	spectek	16-16-16-39	1.2v	v	v			2666	
2666	ADATA	16GB	2Rx8	AX4U2666316G16-DR80	SS	spectek	16-16-16-39	1.2v	v	v			2666	
2666	ADATA	16GB	2Rx8	AX4U2666316G16-QR80	SS	spectek	16-16-16-39	1.2v	v	v			2666	

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Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
2666	ADATA	16GB	2Rx8	AD4U2666316G19-B	DS	Hynix	19-19-19-43	1.2	v	v			2666	
2666	ADATA	32GB	2Rx8	AD4U2666732G19-B	DS	spectek	19-19-19-43	1.2v	v	v			2666	
2666	ADATA	32GB	2Rx8	AD4U2666732G19-RGN	DS	spectek	19-19-19-43	1.2v	V	V			2666	
2666	ADATA	32GB	2Rx8	AD4U2666732G19-SGN	DS	spectek	19-19-19-43	1.2v	V	V			2666	
2666	ADATA	32GB	2Rx8	AD4U2666732G19-B	DS	spectek	19-19-19-43	1.2v	V	V			2666	
2666	Apacer	4GB	1Rx8	AHU04GGB26CDT6H	SS		16-16-16-36	1.2v	v	v		v	2133	
2666	Apacer	8GB	1Rx8	AU08GGB26CQYBGH	SS		19-19-19-43	1.2v	v	v			2666	
2666	Apacer	8GB	1Rx16	AU08GGB26CQABGH	SS		19-19-19-43	1.2v	v	v			2666	
2666	Apacer	8GB	1Rx16	EL.08G2V.GNH	SS	Hynix	19-19-19-43	1.2v	v	v			2666	
2666	Apacer	8GB	1Rx8	AU08GGB26CQYBGH	SS		CL19	1.2v	v	v			2666	
2666	Apacer	16GB	2Rx8	AU16GGB26CQYBGH	DS		CL19	1.2v	v	v			2666	
2666	ANACOMDA	16GB	2Rx8	DDR4 2666 16GB	DS		19-19-19-43	1.2v	v	v			2666	
2666	CRUCIAL	4GB	1Rx8	BLS4G4D26BFSC.8FBR2	SS	Micron	16-18-18-38	1.2v	v	v		v	2666	
2666	CRUCIAL	8GB	2Rx8	BLS8G4D26BFSC.16FBR2	DS	Micron	16-18-18-38	1.2v	v	v		v	2666	
2666	CRUCIAL	8GB	1Rx8	MTA8ATF1G64AZ-2G6E1	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	CRUCIAL	8GB	1Rx8	CT8G4DFS8266C.M8FE	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	CRUCIAL	16GB	2Rx8	BLS16G4D26BFSC.16FBD	DS	Micron	16-18-18-38	1.2v	v	v		v	2666	
2666	CRUCIAL	16GB	2Rx8	CT16G4WFD8266	DS	Micron	CL19	1.2v	v	v			2666	
2666	CRUCIAL	16GB	2Rx8	MTA16ATF2G64AZ-2G6E1	DS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	CRUCIAL	16GB	2Rx8	CT16G4DFD8266.M16FE	DS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	CRUCIAL	32GB	2Rx8	CT32G4DFD8266.16FB1	DS	Micron	19-19-19-43	1.2v	v	v		v	2666	
2666	GEIL	4GB	1Rx8	GSB44GB2666C19SC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	4GB	1Rx8	GSB48GB2666C19DC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	4GB	1Rx8	GAFY416GB2666C19QC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	4GB	1Rx8	GLS44GB2666C19SC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	4GB	1Rx8	GLS48GB2666C19DC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	4GB	1Rx8	GLS416GB2666C19QC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	8GB	1Rx8	GSB416GB2666C16ADC	SS		16-18-18-36	1.35v	v	v		v	2133	
2666	GEIL	8GB	1Rx8	GSB432GB2666C16AQC	SS		16-18-18-36	1.35v	v	v		v	2133	
2666	GEIL	8GB	1Rx8	GSB48GB2666C19SC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	8GB	1Rx8	GSB416GB2666C19DC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	8GB	1Rx8	GAFY432GB2666C19QC	SS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	8GB	2Rx8	GLS416GB2666C16ADC	DS		16-18-18-36	1.35v	v	v		v	2133	
2666	GEIL	8GB	2Rx8	GLS432GB2666C16AQC	DS		16-18-18-36	1.35v	v	v		v	2133	
2666	GEIL	8GB	2Rx8	GLS48GB2666C19SC	DS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	8GB	2Rx8	GLS416GB2666C19DC	DS		19-19-19-43	1.2v	v	v			2666	
2666	GEIL	8GB	2Rx8	GLS432GB2666C19QC	DS		19-19-19-43	1.2v	v	v			2666	
2666	ORCA	8GB	1Rx8	RUD408GS2666C112	SS		18-18-18-40	1.2v	v	v			2666	
2666	PATRIOT	4GB	1Rx8	PVE48G2666C6KBL	SS		CL16	1.2v	v	v		v	2133	
2666	PATRIOT	8GB	2Rx8	PVE416G2666C6KBL	DS		CL16	1.2v	v	v		v	2133	
2666	PATRIOT	8GB	1Rx8	PVR416G2666C5KW	SS		CL15	1.2v	v	v		v	2133	
2666	PATRIOT	8GB	1Rx8	PVR416G2666C5K	SS		CL15	1.2v	v	v		v	2133	
2666	KLEVV	4GB	1Rx8	KM4Z4GX1N-2666-15-15-15-35-1	SS		15-15-15-35	1.2v	v	v		v	2400	
2666	KLEVV	4GB	1Rx8	KD44GU481-26N1602	SS		16-18-18-38	1.2v	v	v		v	2666	
2666	KLEVV	8GB	1Rx8	KM4Z8GX1N-2666-15-15-15-35-1	SS		15-15-15-35	1.2v	v	v		v	2400	
2666	KLEVV	8GB	2Rx8	KD48GU481-26N1600	DS		16-18-18-38	1.2v	v	v		v	2666	
2666	KLEVV	16GB	2Rx8	KM4Z16X1N-2666-15-15-15-35-1	DS		15-15-15-35	1.2v	v	v		v	2400	
2666	NANYA	8GB	1Rx8	NT8GA64D88BX3F-HR	SS		19-19-19-43	1.2v	v	v			2666	
2666	NANYA	16GB	2Rx8	NT16GA64D88BX3F-HR	DS		19-19-19-43	1.2v	v	v			2666	
2666	Samsung	32GB	2Rx8	M378A4G43MB1-CTD	DS	Samsung	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TLRED416G2666HC15BQC01	SS		15-17-17-35	1.2v	v	v		v	2133	
2666	Team	4GB	1Rx8	TLGD416G2666HC15BQC01	SS		15-17-17-35	1.2v	v	v		v	2133	
2666	Team	4GB	1Rx8	TDGED416G2666HC15BQC01	SS		15-17-17-35	1.2v	v	v		v	2133	
2666	Team	4GB	1Rx8	TDRED416G2666HC15BQC01	SS		15-17-17-35	1.2v	v	v		v	2133	
2666	Team	4GB	1Rx8	TLRED48G2666HC15BDC01	SS		15-17-17-35	1.2v	v	v		v	2133	
2666	Team	4GB	1Rx8	TLGD48G2666HC15BDC01	SS		15-17-17-35	1.2v	v	v		v	2133	
2666	Team	4GB	1Rx8	TDGED48G2666HC15BDC01	SS		15-17-17-35	1.2v	v	v		v	2133	
2666	Team	4GB	1Rx8	TDRED48G2666HC15BDC01	SS		15-17-17-35	1.2v	v	v		v	2133	
2666	Team	4GB	1Rx8	TED416G2666C19QC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TPD416G2666HC19QC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TPRD416G2666HC19QC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TED48G2666C19DC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TPD48G2666HC19DC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TPRD48G2666HC19DC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TPRD44G2666C1901	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TPD44G2666HC1901	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	4GB	1Rx8	TPRD44G2666HC1901	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	8GB	1Rx8	TED432G2666C19QC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	8GB	1Rx8	TPD432G2666HC19QC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	

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Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
2666	Team	8GB	1Rx8	TPRD432G2666HC19QC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	8GB	1Rx8	TED416G2666C19DC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	8GB	1Rx8	TPD416G2666HC19DC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	8GB	1Rx8	TPRD416G2666HC19DC01	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	8GB	1Rx8	TED48G2666C1901	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	8GB	1Rx8	TPD48G2666HC1901	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	8GB	1Rx8	TPRD48G2666HC1901	SS	Micron	19-19-19-43	1.2v	v	v			2666	
2666	Team	16GB	2Rx8	TED464G2666C19QC01	DS		19-19-19-43	1.2v	v	v			2666	
2666	Team	16GB	2Rx8	TED432G2666C19DC01	DS		19-19-19-43	1.2v	v	v			2666	
2666	Team	16GB	2Rx8	TPD432G2666HC19DC01	DS		19-19-19-43	1.2v	v	v			2666	
2666	Team	16GB	2Rx8	TPRD432G2666HC19DC01	DS		19-19-19-43	1.2v	v	v			2666	
2666	Team	16GB	2Rx8	TED416G2666C1901	DS		19-19-19-43	1.2v	v	v			2666	
2666	Team	16GB	2Rx8	TPD416G2666HC1901	DS		19-19-19-43	1.2v	v	v			2666	
2666	Team	16GB	2Rx8	TPRD416G2666HC1901	DS		19-19-19-43	1.2v	v	v			2666	
2666	Team	32GB	2Rx8	TPD432G2666HC1901	DS	Spectek	19-19-19-43	1.2v	V	V			2666	
2666	Team	32GB	2Rx8	TPRD432G2666HC1901	DS	Spectek	19-19-19-43	1.2v	V	V			2666	
2666	Team	32GB	2Rx8	TPD464G2666HC19DC01	DS	Spectek	19-19-19-43	1.2v	V	V			2666	
2666	Team	32GB	2Rx8	TPRD464G2666HC19DC01	DS	Spectek	19-19-19-43	1.2v	V	V			2666	
2400	HyperX	4GB	1Rx8	HX424C15FB3K4/16	SS	Micron	15-15-15	1.2v	v	v		v	2133	
2400	HyperX	4GB	1Rx8	HX424C15FB3K2/8	SS	Micron	15-15-15	1.2v	v	v		v	2133	
2400	HyperX	4GB	1Rx8	HX424C15FB3/4	SS	Micron	15-15-15	1.2v	v	v		v	2133	
2400	HyperX	8GB	1Rx8	HX424C15FB3AK4/32	SS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	8GB	1Rx8	HX424C15FB3AK2/16	SS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	8GB	1Rx8	HX424C15FB3A/8	SS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	8GB	1Rx8	HX424C15FB3K4/32	SS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	8GB	1Rx8	HX424C15FB3K2/16	SS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	8GB	1Rx8	HX424C15FB3/8	SS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	16GB	2Rx8	HX424C15FB3AK4/64	DS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	16GB	2Rx8	HX424C15FB3AK2/32	DS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	16GB	2Rx8	HX424C15FB3A/16	DS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	16GB	2Rx8	HX424C15FB3K4/64	DS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	16GB	2Rx8	HX424C15FB3K2/32	DS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	HyperX	16GB	2Rx8	HX424C15FB3/16	DS	Hynix	15-15-15-35	1.2v	v	v		v	2400	
2400	Kingston	4GB	1Rx8	KVR24N17S6/4	SS	PSC	17-17-17-39	1.2v	v	v			2400	
2400	Kingston	8GB	1Rx8	KVR24N17S8/8	SS	Micron	CL17	1.2v	v	v			2400	
2400	Kingston	8GB	2Rx8	KVR24N17S8/8	DS	PSC	17-17-17-39	1.2v	v	v			2400	
2400	Kingston	8GB	2Rx8	KVR24N17D8L8-SP	DS	PSC	CL17	1.2v	v	v			2400	
2400	Kingston	16GB	2Rx8	KVR24N17D8/16	DS	Micron	CL17	1.2v	v	v			2400	
2400	Kingston	16GB	2Rx8	KVR24N17D8L/16-SP	DS	Nanya	CL17	1.2v	v	v			2400	
2400	CORSAIR	4GB	1Rx8	CMK8GX4M2D2400C14 ver3.11	SS	Micron	14-16-16-31	1.2v	v			v	2133	
2400	CORSAIR	8GB	2Rx8	CMK64GX4M8A2400C14	DS		14-16-16-31	1.2v	v	v		v	2133	
2400	CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C16	SS		16-16-16-39	1.2v	v	v		v	2133	
2400	CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C16R	SS		16-16-16-39	1.2v	v	v		v	2133	
2400	CORSAIR	8GB	1Rx8	CMK16GX4M2A2400C16	SS		16-16-16-39	1.2v	v			v	2133	
2400	CORSAIR	8GB	1Rx8	CMK16GX4M2A2400C16R	SS		16-16-16-39	1.2v	v			v	2133	
2400	CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C12	DS		12-14-14-28	1.2v	v	v		v	2133	
2400	CORSAIR	8GB	1Rx8	CMK16GX4M2Z2400C16 ver3.31	SS	Micron	16-16-16-39	1.2v	v				2133	
2400	CORSAIR	8GB	1Rx8	CMK16GX4M2A2400C16 ver5.30	SS	Hynix	16-16-16-39	1.2v	v			v	2133	
2400	CORSAIR	8GB	1Rx8	CMK32GX4M4A2400C14 ver3.31	SS	Micron	14-16-16-31	1.2v	v	v		v	2133	
2400	CORSAIR	8GB	1Rx8	CMK16GX4M2D2400C14 ver4.21	SS	Samsung	14-16-16-31	1.2v	v			v	2133	
2400	CORSAIR	16GB	2Rx8	CMK128GX4M8A2400C14	DS		14-16-16-31	1.2v	v	v		v	2133	
2400	CORSAIR	16GB	2Rx8	CMK64GX4M4A2400C14	DS		14-16-16-31	1.2v	v	v		v	2133	
2400	CORSAIR	16GB	2Rx8	CMK64GX4M4A2400C16 ver3.32	DS	Micron	16-16-16-39	1.2v	v	v	v	v	2133	
2400	CORSAIR	32GB	2Rx8	CMK64GX4M2A2400C16 ver3.44	DS	Micron	16-16-16-39	1.2v	v				2400	
2400	G.SKILL	8GB	2Rx8	F4-2400C15Q2-64GRK	DS		15-15-15-35	1.2v	v	v	v	v	2133	
2400	G.SKILL	8GB	1Rx8	F4-2400C17S-8GDB	SS		17-17-17-39	1.2v	v				2400	
2400	G.SKILL	16GB	2Rx8	F4-2400C15Q2-128GRK	DS		15-15-15-35	1.2v	v	v	v	v	2133	
2400	GALAX	8GB	2Rx8	GAM4MRR2BSR2400D16JE081C	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GALAX	16GB	2Rx8	GALAX D4-2400 16G C17	DS		17-17-17-39	1.2v	v	v			2400	
2400	Apacer	8GB	2Rx8	AU08GGB24CETBGC	DS		CL17	1.2v	v	v			2400	
2400	Apacer	8GB	1Rx8	AU08GGB24CEYBGC	SS		CL17	1.2v	v	v			2400	
2400	CRUCIAL	8GB	1Rx8	CT8G4DFS824A.8FB1	SS	Micron	CL17	1.2v	v	v			2400	
2400	CRUCIAL	8GB	2Rx8	CT8G4WFD824A.18FB1	DS	Micron	CL17	1.2v	v	v			2400	v
2400	CRUCIAL	8GB	2Rx8	BLS8G4D240FSB.16FAR	DS	Micron	16-16-16-39	1.2v	v	v		v	2400	v
2400	CRUCIAL	16GB	2Rx8	CT16G4DFD824A.16FB1	DS	Micron	CL17	1.2v	v	v			2400	
2400	CRUCIAL	16GB	2Rx8	CT16G4WFD824A.18FB1	DS	Micron	CL17	1.2v	v				2400	v
2400	GEIL	4GB	1Rx8	GSB44GB2400C16SC	SS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	4GB	1Rx8	GSB48GB2400C16DC	SS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	4GB	1Rx8	GSB416GB2400C16QC	SS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	4GB	1Rx8	GSB44GB2400C17SC	SS		17-17-17-39	1.2v	v	v			2400	

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Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
2400	GEIL	4GB	1Rx8	GSB48GB2400C17DC	SS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	4GB	1Rx8	GSB416GB2400C17QC	SS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	4GB	1Rx8	GLS44GB2400C17SC	SS		17-17-17-39	1.2v	v				2400	
2400	GEIL	4GB	1Rx8	GLS48GB2400C17DC	SS		17-17-17-39	1.2v	v				2400	
2400	GEIL	4GB	1Rx8	GLS416GB2400C17QC	SS		17-17-17-39	1.2v	v				2400	
2400	GEIL	8GB	2Rx8	GSB48GB2400C16SC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	8GB	2Rx8	GSB416GB2400C16DC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	8GB	2Rx8	GSB432GB2400C16QC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	8GB	1Rx8	GSB48GB2400C17SC	SS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	8GB	1Rx8	GSB416GB2400C17DC	SS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	8GB	1Rx8	GSB432GB2400C17QC	SS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	8GB	2Rx8	GLS48GB2400C16SC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	8GB	2Rx8	GLS416GB2400C16DC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	8GB	2Rx8	GLS432GB2400C16QC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	8GB	2Rx8	GLS48GB2400C17SC	DS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	8GB	2Rx8	GLS416GB2400C17DC	DS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	8GB	2Rx8	GLS432GB2400C17QC	DS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	16GB	2Rx8	GLS416GB2400C16SC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	16GB	2Rx8	GLS432GB2400C16DC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	16GB	2Rx8	GLS464GB2400C16QC	DS		16-16-16-36	1.2v	v	v		v	2133	
2400	GEIL	16GB	2Rx8	GLS416GB2400C17SC	DS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	16GB	2Rx8	GLS432GB2400C17DC	DS		17-17-17-39	1.2v	v	v			2400	
2400	GEIL	16GB	2Rx8	GLS464GB2400C17QC	DS		17-17-17-39	1.2v	v	v			2400	
2400	GALAX	4GB	1Rx8	GAM4BXLBS240016JE164C	SS		16-16-16-36	1.2v	v	v		v	2133	
2400	GALAX	4GB	1Rx8	HOF4BLBM240012FD041C	SS		12-12-12-28	1.35v	v	v		v	2133	
2400	HYUNDAI,Inc	4GB	1Rx8	HYE4G24C17	SS		17-17-17-39	1.2v	v	v			2400	
2400	HYUNDAI,Inc	16GB	2Rx8	HYE16G24C17	DS		17-17-17-39	1.2v	v	v			2400	
2400	KLEVV	4GB	1Rx8	KM4B4GX1N-2400-15-15-15-35-0	SS		15-15-15-35	1.2v	v	v		v	2400	
2400	KLEVV	4GB	1Rx8	KM4Z4GX1N-2400-15-15-15-35-1	SS		15-15-15-35	1.2v	v	v		v	2400	
2400	KLEVV	8GB	1Rx8	KM4B8GX1N-2400-15-15-15-35-0	SS		15-15-15-35	1.2v	v	v		v	2400	
2400	KLEVV	8GB	1Rx8	KM4Z8GX1N-2400-15-15-15-35-1	SS		15-15-15-35	1.2v	v	v		v	2400	
2400	KLEVV	16GB	2Rx8	KM4B16X1N-2400-15-15-15-35-0	DS		15-15-15-35	1.2v	v			v	2400	
2400	KINGMAX	4GB	1Rx16	GLLF62F-DAKZIG CLBU Z11C	SS	Spectek	17-17-17-39	1.2v	v	v			2400	
2400	KINGMAX	4GB	1Rx16	GLLF62F-DAKZIG CLBU Z11B	SS	Spectek	17-17-17-39	1.2v	v	v			2400	
2400	KINGMAX	16GB	2Rx8	GLLH22F-18KIIA CFBU2 Z11B	DS	Spectek	17-17-17-39	1.2v	v	v			2400	
2400	ORCA	4GB	1Rx8	RUD404GS2400CG12	SS		16-16-16-36	1.2v	v	v			2400	
2400	ORCA	8GB	1Rx8	RUD408GS2400CG12	SS		16-16-16-36	1.2v	v				2400	
2400	PATRIOT	4GB	1Rx8	PVE48G240C5KRD	SS		CL15	1.2v	v			v	2133	
2400	PATRIOT	8GB	1Rx8	PVE416G240C5KRD	SS		CL15	1.2v	v			v	2133	
2400	PATRIOT	8GB	1Rx8	PSD48G240081	SS		CL17	1.2v	v				2400	
2400	PATRIOT	16GB	2Rx8	PSD416G24002	DS		CL17	1.2v	v	v			2400	
2400	Samsung	4GB	1Rx16	M378A5244CB0-CRC	SS	Samsung	CL17	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TED416G2400C16QC01	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TPD416G2400HC16QC01	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TPRD416G2400HC16QC01	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TED48G2400C16DC01	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TPD48G2400HC16DC01	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TPRD48G2400HC16DC01	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TED44G2400C1601	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TPD44G2400HC1601	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	4GB	1Rx8	TPRD44G2400HC1601	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TED432G2400C16QC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TPRD432G2400HC16QC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TPD432G2400HC16QC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TED416G2400C16DC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TPRD416G2400HC16DC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TPD416G2400HC16DC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TED48G2400C1601	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TPRD48G2400HC1601	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	2Rx8	TPD48G2400HC1601	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TLGD432G2400HC14QC01	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TLRED432G2400HC14QC01	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TDRED432G2400HC14QC01	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TGDGED432G2400HC14QC01	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TLGD416G2400HC14DC01	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TLRED416G2400HC14DC01	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TDRED416G2400HC14DC01	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TGDGED416G2400HC14DC01	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TLGD48G2400HC1401	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TLRED48G2400HC1401	SS		14-16-16-31	1.2v	v	v		v	2133	

Qualified Vendors List (QVL)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Timing	Voltage	Memory socket support			XMP	Native	ECC
									2	4	8			
2400	Team	8GB	1Rx8	TDRED48G2400HC1401	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TGDED48G2400HC1401	SS		14-16-16-31	1.2v	v	v		v	2133	
2400	Team	8GB	1Rx8	TF3D416G2400HC15BDC01	SS		15-17-17-35	1.2v	v			v	2133	
2400	Team	8GB	1Rx8	TF4D416G2400HC15BDC01	SS		15-17-17-35	1.2v	v			v	2133	
2400	Team	8GB	1Rx8	TF3D48G2400HC15B01	SS		15-17-17-35	1.2v	v			v	2133	
2400	Team	8GB	1Rx8	TF4D48G2400HC15B01	SS		15-17-17-35	1.2v	v			v	2133	
2400	Team	8GB	1Rx8	TED432G2400C16QC01	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TPD432G2400HC16QC01	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TPRD432G2400HC16QC01	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TED416G2400C16DC01	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TPD416G2400HC16DC01	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TPRD416G2400HC16DC01	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TED48G2400C1601	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TPD48G2400HC1601	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	8GB	1Rx8	TPRD48G2400HC1601	SS	Micron	16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	2Rx8	TED464G2400C16QC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	2Rx8	TPRD464G2400HC16QC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	2Rx8	TPD464G2400HC16QC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	2Rx8	TED432G2400C16DC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	2Rx8	TPRD432G2400HC16DC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	2Rx8	TPD432G2400HC16DC01	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	2Rx8	TED416G2400C1601	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	2Rx8	TPRD416G2400HC1601	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	1Rx8	TPD416G2400HC1601	DS		16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	1Rx8	TED432G2400C16DC01	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	Team	16GB	1Rx8	TED416G2400C1601	SS	Hynix	16-16-16-39	1.2v	v	v			2400	
2400	V-Color	8GB	1Rx8	TC48G24S817	SS		CL17	1.2v	v	v			2400	
2400	VISENTA	8GB	1Rx8	DDR4 2400 8G	SS		17-17-17-40	1.2v	v	v			2400	
2400	VISENTA	16GB	2Rx8	DDR4 2400 16G	DS		15-15-15-35	1.2v	v	v			2400	
2133	CORSAIR	8GB	2Rx8	CMK64GX4M8A2133C13	DS		13-15-15-28	1.2v	v	v	v		v	
2133	CORSAIR	8GB	1Rx8	CMV8GX4M1A2133C15-ESS	SS	Samsung	C15	1.2v	v	v			v	
2133	CORSAIR	16GB	2Rx8	CMV16GX4M1A2133C15	DS		C15	1.2v	v	v			v	
2133	CORSAIR	16GB	2Rx8	CMK32GX4M2A2133C13	DS		13-15-15-28	1.2v	v	v			v	
2133	CORSAIR	16GB	2Rx8	CMK128GX4M8A2133C13	DS		13-15-15-28	1.2v	v	v	v	v	v	
2133	G.SKILL	8GB	1Rx8	F4-2133C15S-8GIS	SS		15-15-15-35	1.2v	v				v	
2133	Apacer	4GB	1Rx8	AU04GGB13CDTBGH	SS		CL15	1.2v	v	v			v	
2133	CRUCIAL	8GB	1Rx8	CT8G4DFS8213.8FB1	SS	Micron	CL15	1.2v	v	v			v	
2133	CRUCIAL	16GB	2Rx8	CT16G4DFD8213.16FB1	DS	Micron	CL15	1.2v	v	v			v	
2133	KLEVV	4GB	1Rx8	KM4B4GX1N-2133-15-15-15-35-0	SS		15-15-15-35	1.2v	v	v			v	
2133	KLEVV	8GB	1Rx8	KM4B8GX1N-2133-15-15-15-35-0	SS		15-15-15-35	1.2v	v	v			v	
2133	KLEVV	16GB	2Rx8	KM4B16X1N-2133-15-15-15-35-0	DS		15-15-15-35	1.2v	v	v			v	
2133	Samsung	8GB	1Rx8	M378A1K43BB1-CPB	SS		15-15-15-36	1.2v	v				2133	
2133	Samsung	16GB	2Rx8	M378A2K43BB1-CPB	DS		15-15-15-36	1.2v	v				2133	
2133	V-Color	8GB	1Rx8	TE48G21S815	SS	SKHynix	CL15	1.2v	v				v	v
2133	V-Color	8GB	1Rx8	TC48G21S815-IMS	SS		CL15	1.2v	v	v			v	
2133	V-Color	16GB	2Rx8	TE416G21D815	DS	SKHynix	CL15	1.2v	v	v			v	v

• 2 DIMM: Supports one pair of modules inserted into the same color slots as one pair of Dual-channel memory configuration. Install the modules into **DDR4_A2_B2, DDR4_C2_D2** for better compatibility.

2 DIMM: 請將兩支記憶體模組安裝在同樣顏色記憶體插槽以啟動雙通道設定，並優先安裝在 **DDR4_A2_B2, DDR4_C2_D2** 插槽以確保更好的相容性

• When running XMP at **DDR4 3200 MHz or higher**, the system's stability depends on the CPU's capabilities.

當執行XMP至**DDR4 3200MHz或是更高**，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

• 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 DDR4 slots.

若要安裝兩支或四支DDR4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。