

Qualified Vendors List (QVL) X470 AORUS GAMING 7 WIFI

Speed	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	ECC	
										1	2	4				
4133	CORSAIR	8GB	1Rx8	CMK32GX4M4K4133C19 ver4.31	SS	Samsung		19-25-25-45	1.4v	V	V	V	V	2133		
4000	CORSAIR	8GB	1Rx8	CMW32GX4M4K4000C19 ver 4.31	SS	Samsung		19-23-23-45	1.35v	V	V	V	V	V	2133	
4000	G.SKILL	8GB	1Rx8	F4-4000C18D-16GTZ	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
4000	G.SKILL	8GB	1Rx8	F4-4000C18Q2-64GTZR	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
4000	HyperX	8GB	1Rx8	HX440C19PB3/8	SS	Samsung		19-21-21-42	1.35v	V	V	V	V	V	2400	
4000	HyperX	8GB	1Rx8	HX440C19PB3K2/16	SS	Samsung		19-21-21-42	1.35v	V	V	V	V	V	2400	
4000	HyperX	8GB	1Rx8	HX440C19PB3A/8	SS	Samsung		19-21-21-42	1.35v	V	V	V	V	V	2400	
4000	HyperX	8GB	1Rx8	HX440C19PB3AK2/16	SS	Samsung		19-21-21-42	1.35v	V	V	V	V	V	2400	
4000	ADATA	8GB	1Rx8	AX4U400038G18-QRS	SS	Samsung		18-19-19-39	1.4v	V	V	V	V	V	2133	
4000	Apacer	8GB	1Rx8	AHU08GGB40CMU90 EK.08G29.GJG	SS			19-21-21-41	1.35v	V	V	V	V	V	2133	
4000	BALLISTIX	8GB	1Rx8	BLE8G4D40BEEAK.M8FE1	SS	Micron		18-19-19-39	1.35v	V	V	V	V	V	2400	
4000	Team	8GB	1Rx8	TXBD416G4000HC18GDC01	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2400	
3866	CORSAIR	8GB	1Rx8	CMK32GX4M4B3866C18R ver 4.31	SS	Samsung		18-22-22-40	1.35v	V	V	V	V	V	2133	
3800	CORSAIR	16GB	2Rx8	CMK128GX4M8X3800C19 ver 4.31	DS	Samsung		19-19-19-39	1.35v	V	V	V	V	V	2133	
3866	Apacer	8GB	1Rx8	AHU08GGB38CJU5H EK.16GA7.GGBK2	SS	Samsung		18-22-22-42	1.35v	V	V	V	V	V	2133	
3733	CORSAIR	8GB	1Rx8	CMK32GX4M4B3733C17R ver4.31	SS	Samsung		17-19-19-39	1.35v	V	V	V	V	V	2133	
3733	G.SKILL	8GB	1Rx8	F4-3733C18Q-32GTZKW	SS	Samsung		18-18-18-38	1.35v	V	V	V	V	V	2133	
3733	G.SKILL	16GB	2Rx8	F4-3733C17Q-64GTZR	DS	Samsung		17-19-19-39	1.35v	V	V	V	V	V	2133	
3733	Apacer	8GB	1Rx8	AHU08GGB373CEU5H EK.16GA6.GFBK2	SS			17-19-19-39	1.35v	V	V	V	V	V	2133	
3733	SUPER TALENT	8GB	1Rx8	F3733UA8G	SS			17-19-19-39	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	4GB	1Rx8	CMK8GX4M2B3600C18	SS			18-19-19-39	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C18 ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C18R ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	2Rx8	CMK16GX4M2B3600C18 ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	2Rx8	CMK16GX4M2B3600C18R ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C16R	SS			16-16-16-36	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMW32GX4M4C3600C18 ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMT32GX4M4C3600C16 ver4.31	SS	Samsung		16-18-18-36	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4D3600C18 ver3.31	SS	Samsung		18-22-22-42	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMT16GX4M2Z3600C18 ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMK16GX4M2Z3600C18 ver3.31	SS	Micron		18-22-22-42	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	8GB	1Rx8	CMW16GX4M2Z3600C18 ver3.31	SS	Micron		18-22-22-42	1.35v	V	V	V	V	V	2133	
3600	CORSAIR	16GB	2Rx8	CMK64GX4M4B3600C18 ver 4.31	DS	Samsung		18-19-19-39	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	4GB	1Rx8	F4-3600C17Q-16GVK	SS			17-18-18-38	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C17Q-32GVK	SS			17-18-18-38	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C16D-16GVK	SS			16-16-16-36	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GFX	SS			16-18-18-38	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C19Q-32GSXW	SS			19-19-19-39	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C17Q-32GTZR	SS			17-18-18-38	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C18D-16GTZRX	SS			18-22-22-42	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GTZNC	SS			16-19-19-39	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	16GB	2Rx8	F4-3600C17Q-64GTZ	DS			17-19-19-39	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	16GB	2Rx8	F4-3600C16Q-64GTZR	DS			16-16-16-36	1.35v	V	V	V	V	V	2133	
3600	G.SKILL	16GB	2Rx8	F4-3600C16Q-64GTZRC	DS			16-19-19-39	1.35v	V	V	V	V	V	2133	
3600	HyperX	8GB	1Rx8	HX436C17PB4/8	SS	Hynix		17-19-19	1.35v	V	V	V	V	V	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4K2/16	SS	Hynix		17-19-19	1.35v	V	V	V	V	V	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4K4/32	SS	Hynix		17-19-19	1.35v	V	V	V	V	V	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4A/8	SS	Hynix		17-19-19	1.35v	V	V	V	V	V	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4AK2/16	SS	Hynix		17-19-19	1.35v	V	V	V	V	V	2400	
3600	HyperX	8GB	1Rx8	HX436C17PB4AK4/32	SS	Hynix		17-19-19	1.35v	V	V	V	V	V	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3/16	SS	Samsung		17-19-19-39	1.35v	V	V	V	V	V	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3K2/32	SS	Samsung		17-19-19-39	1.35v	V	V	V	V	V	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3K4/64	SS	Samsung		17-19-19-39	1.35v	V	V	V	V	V	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3/16	SS	Hynix		17-19-19-39	1.35v	V	V	V	V	V	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3K2/32	SS	Hynix		17-19-19-39	1.35v	V	V	V	V	V	2400	
3600	HyperX	16GB	2Rx8	HX436C17PB3K4/64	SS	Hynix		17-19-19-39	1.35v	V	V	V	V	V	2400	
3600	ADATA	8GB	1Rx8	AX4U360038G17-BRZ1	SS	Nanya		16-18-18	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-SRZ1	SS	Nanya		16-18-18	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-DRZ1	SS	Nanya		16-18-18	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-QRZ1	SS	Nanya		16-18-18	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-BR80	SS			17-18-18-38	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-SR80	SS			17-18-18-38	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-DR80	SS			17-18-18-38	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-QR80	SS			17-18-18-38	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-BR41	SS			17-18-18-38	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-SR41	SS			17-18-18-38	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-DR41	SS			17-18-18-38	1.35v	V	V	V	V	V	2666	
3600	ADATA	8GB	1Rx8	AX4U360038G17-QR41	SS			17-18-18-38	1.35v	V	V	V	V	V	2666	
3600	Apacer	8GB	1Rx8	AHU08GGB36CJU5H	SS			18-18-18-42	1.35v	V	V	V	V	V	2400	
3600	BALLISTIX	8GB	1Rx8	BLE8G4D36BEEAK.M8FE1	SS	Micron		16-18-18-38	1.35v	V	V	V	V	V	2400	
3600	CRUCIAL	8GB	1Rx8	BLS8G4D36BESBK.8FE	SS	Micron		16-18-18-38	1.35v	V	V	V	V	V	2400	
3600	GEIL	8GB	1Rx8	GLS416GB3600K16ADC	SS			16-18-18-36	1.35v	V	V	V	V	V	2133	
3600	GALAX	8GB	1Rx8	HOF4CAL1CST3600K17LD162C	SS			17-18-18-38	1.35v	V	V	V	V	V	2133	
3600	PATRIOT	8GB	1Rx8	PV416G360C7K	SS			CL17	1.35v	V	V	V	V	V	2133	
3600	Team	8GB	1Rx8	TXD432G3600HC18AQC01	SS	Samsung		18-20-20-39	1.35v	V	V	V	V	V	2133	
3600	Team	8GB	1Rx8	TXGD432G3600HC18AQC01	SS	Samsung		18-20-20-39	1.35v	V	V	V	V	V	2133	
3600	Team	8GB	1Rx8	TXD416G3600HC18ADC01	SS	Samsung		18-20-20-39	1.35v	V	V	V	V	V	2133	
3600	Team	8GB	1Rx8	TXGD416G3600HC18ADC01	SS	Samsung		18-20-20-39	1.35v	V	V	V	V	V	2133	
3600	Team	8GB	1Rx8	TF5D416G3600HC18EDC01	SS	Samsung		18-20-20-44	1.35v	V	V	V	V	V	2400	
3600	Team	8GB	1Rx8	TF6D416G3600HC18EDC01	SS	Samsung		18-20-20-44	1.35v	V	V	V	V	V	2400	

3600	Team	8GB	1Rx8	TF1D416G3600HC18EDC01	SS	Samsung	18-20-20-44	1.35v	v	v	v	v	2400
3600	Team	8GB	1Rx8	TF2D416G3600HC18EDC01	SS	Samsung	18-20-20-44	1.35v	v	v	v	v	2400
3600	Thermaltake	8GB	1Rx8	CL-W262-CA00SW-A	SS	Hynix	18-19-19-39	1.35v	v	v	v	v	2666
3600	Thermaltake	8GB	1Rx8	R009D408GX2-3600C16A Ver 1.1.2	SS	Hynix	18-22-22-42	1.35v	v	v	v	v	2666
3600	V-Color	8GB	1Rx8	TL48G36S8BNNR8B18	SS	Hynix	18-19-19-39	1.35v	v	v	v	v	2666
3600	ZADAK	8GB	1Rx8	ZD4-SHD3600C17-08GAS	SS		17-19-19-39	1.35v	v	v	v	v	2133
3400	CORSAIR	4GB	1Rx8	CMK16GX4M4B3400C16 ver 4.24	SS	Samsung	16-18-18-36	1.35v	v	V	V	v	2133
3466	CORSAIR	8GB	1Rx8	CMK32GX4M4B3466C16	SS		16-18-18-36	1.35v	v	V	V	v	2133
3466	CORSAIR	8GB	1Rx8	CMK32GX4M4B3466C16R	SS		16-18-18-36	1.35v	v	V	V	v	2133
3466	CORSAIR	8GB	1Rx8	CMK16GX4M2Z3466C16 ver4.31	SS	Samsung	16-18-18-36	1.35v	v	V	v	v	2133
3466	CORSAIR	16GB	2Rx8	CMT64GX4M4C3466C16 ver4.31	DS	Samsung	16-18-18-36	1.35v	v	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	v	v	2133
3400	G.SKILL	8GB	1Rx8	F4-3400C16D-16GSXW	SS		16-16-16-36	1.35v	v	V	v	v	2133
3400	G.SKILL	16GB	2Rx8	F4-3400C16Q-64GVK	DS	Samsung	16-16-16-36	1.35v	v	V	V	v	2133
3466	G.SKILL	16GB	2Rx8	F4-3466C16Q-64GTZ	DS	Samsung	16-18-18-38	1.35v	v	V	V	v	2133
3466	G.SKILL	16GB	2Rx8	F4-3466C16Q-64GTZ	DS		16-18-18-38	1.35v	v	V	V	v	2133
3466	HyperX	8GB	1Rx8	HX434C19FB2/8	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	8GB	1Rx8	HX434C19FB2K2/16	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	8GB	1Rx8	HX434C19FB2K4/32	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	8GB	1Rx8	HX434C19FW2/8	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	8GB	1Rx8	HX434C19FW2K2/16	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	8GB	1Rx8	HX434C19FW2K4/32	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	8GB	1Rx8	HX434C19FR2/8	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	8GB	1Rx8	HX434C19FR2K2/16	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	8GB	1Rx8	HX434C19FR2K4/32	SS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	16GB	2Rx8	HX434C19FB/16	DS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	16GB	2Rx8	HX434C19FBK2/32	DS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	16GB	2Rx8	HX434C19FW/16	DS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	16GB	2Rx8	HX434C19FWK2/32	DS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	16GB	2Rx8	HX434C19FR/16	DS	Micron	CL19	1.2v	v	V	V	v	2933
3466	HyperX	16GB	2Rx8	HX434C19FRK2/32	DS	Micron	CL19	1.2v	v	V	V	v	2933
3400	Apacer	4GB	1Rx8	78.BAGN1.4020B	SS	Samsung	18-18-18-42	1.35v	v	V	V	v	2133
3466	KLEVV	8GB	1Rx8	KD48GU880-34A170X	SS		17-19-19-39	1.35v	v	V	V	v	2666
3400	PATRIOT	4GB	1Rx8	PV48G340C6K	SS		CL16	1.35v	v	V	V	v	2133
3400	PATRIOT	8GB	1Rx8	PV416G340C6K	SS		CL16	1.35v	v	V	V	v	2133
3300	HyperX	8GB	1Rx8	HX433C16PB3K2/16	SS		16-18-18	1.35v	v	V	V	v	2133
3300	HyperX	8GB	1Rx8	HX433C16PB3K4/32	SS		16-18-18	1.35v	v	V	V	v	2133
3300	HyperX	8GB	1Rx8	HX433C16PB3K2/16	SS		16-18-18	1.35v	v	V	V	v	2133
3300	HyperX	16GB	2Rx8	HX433C16PB3/16	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3300	HyperX	16GB	2Rx8	HX433C16PB3K2/32	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3300	HyperX	16GB	2Rx8	HX433C16PB3K4/64	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3333	CORSAIR	4GB	1Rx8	CMK16GX4M4B3333C16	SS		16-18-18-36	1.35v	v	V	V	v	2133
3333	CORSAIR	4GB	1Rx8	CMK8GX4M2B3333C16	SS		16-18-18-36	1.35v	v	V	V	v	2133
3333	CORSAIR	16GB	2Rx8	CMK64GX4M4B3333C16	DS		16-18-18-36	1.35v	v	V	V	v	2133
3333	CORSAIR	16GB	2Rx8	CMK64GX4M4B3333C16R	DS		16-18-18-36	1.35v	v	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	8GB	2Rx8	F4-3333C16Q-32GVR	DS	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
3300	G.SKILL	16GB	2Rx8	F4-3300C16Q2-128GTZ	DS	Samsung	16-16-16-36	1.35v	v	V	V	v	2133
3200	HyperX	4GB	1Rx8	HX432C18FBK2/8	SS	Micron	18-21-21-39	1.2v	v	V	V	v	3200
3200	HyperX	4GB	1Rx8	HX432C18FB/4	SS	Micron	18-21-21-39	1.2v	v	V	V	v	3200
3200	HyperX	8GB	1Rx8	HX432C16PB3K4/32	SS	Hynix	16-18-18	1.35v	v	V	V	v	2133
3200	HyperX	8GB	1Rx8	HX432C16PB3K2/16	SS	Hynix	16-18-18	1.35v	v	V	V	v	2133
3200	HyperX	8GB	1Rx8	HX432C18FB2/8	SS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	8GB	1Rx8	HX432C18FB2K2/16	SS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	8GB	1Rx8	HX432C18FW2/8	SS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	8GB	1Rx8	HX432C18FW2K2/16	SS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	8GB	1Rx8	HX432C18FR2/8	SS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	8GB	1Rx8	HX432C18FR2K2/16	SS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	8GB	1Rx8	HX432C16PB3A/8	SS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	HyperX	8GB	1Rx8	HX432C16PB3AK2/16	SS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	HyperX	8GB	1Rx8	HX432C16PB3AK4/32	SS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	HyperX	16GB	2Rx8	HX432C18FB/16	DS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	16GB	2Rx8	HX432C18FBK2/32	DS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	16GB	2Rx8	HX432C18FW/16	DS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	16GB	2Rx8	HX432C18FWK2/32	DS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	16GB	2Rx8	HX432C18FR/16	DS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	16GB	2Rx8	HX432C18FRK2/32	DS	Micron	CL18	1.2v	v	V	V	v	2933
3200	HyperX	16GB	2Rx8	HX432C16PB3/16	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	HyperX	16GB	2Rx8	HX432C16PB3K2/32	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	HyperX	16GB	2Rx8	HX432C16PB3K4/64	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	HyperX	16GB	2Rx8	HX432C16PB3AK4/64	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	HyperX	16GB	2Rx8	HX432C16PB3AK2/32	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	HyperX	16GB	2Rx8	HX432C16PB3/8	DS	Hynix	16-18-18-36	1.35v	v	V	V	v	2400
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4B3200C15	SS		16-17-17-35	1.35v	v	V	v	v	2133
3200	CORSAIR	4GB	1Rx8	CMK8GX4M2B3200C16	SS		16-18-18-36	1.35v	v	V	v	v	2133
3200	CORSAIR	4GB	1Rx8	CMK8GX4M2B3200C16R	SS		16-18-18-36	1.35v	v	V	v	v	2133
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4B3200C16	SS		16-18-18-36	1.35v	v	V	V	v	2133
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4C3200C16	SS		16-18-18-36	1.35v	v	V	V	v	2133
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4C3200C16R	SS		16-18-18-36	1.35v	v	V	V	v	2133
3200	CORSAIR	8GB	2Rx8	CMK16GX4M2B3200C16	DS		16-18-18-36	1.35v	v	V	v	v	2133
3200	CORSAIR	8GB	2Rx8	CMK16GX4M2B3200C16R	DS		16-18-18-36	1.35v	v	V	v	v	2133

3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15 ver5.30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15B ver5.30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15R ver5.30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15W ver5.30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	CORSAIR	8GB	2Rx8	CM4X8GC3000C15K4-CN ver4.24	DS	Samsung			15-17-17-35	1.35v	v	V	V	v	2133
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15 ver3.32	SS	Micron			15-17-17-35	1.35v	v	V	V	v	2133
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2C3000C16 ver3.31	SS	Micron			16-18-18-36	1.35v	v	V	V	v	2133
3000	CORSAIR	8GB	1Rx8	CMR16GX4M2C3000C15 ver5.30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	CORSAIR	8GB	1Rx8	CMW32GX4M4C3000C15 ver5.32	SS	Hynix			15-17-17-35	1.35v	v	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	v	2133
3000	CORSAIR	16GB	2Rx8	CMK64GX4M4B3000C15	DS				15-17-17-35	1.35v	v	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	V	v	2133
3000	CRUCIAL	16GB	2Rx8	BLT16G4D30BET4.C16FD	DS	Micron			16-18-18-38	1.35v	v	V	V	v	2400
3000	G.SKILL	4GB	1Rx8	F4-3000C15Q-16GVR	SS				15-15-15-35	1.35v	v	V	V	v	2133
3000	G.SKILL	8GB	2Rx8	F4-3000C15Q-32GRK	DS				15-15-15-35	1.35v	v	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	V	v	2133
3000	G.SKILL	16GB	2Rx8	F4-3000C14Q2-128GVKD	DS				14-14-14-34	1.35v	v	V	V	v	2133
3000	GALAX	8GB	1Rx8	HOF4CAL1CS3000G16LD162C	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	GALAX	8GB	2Rx8	Gamer II RGB DDR4 3000 16G(8G*2)	DS				16-18-18-38	1.35v	v	V	V	v	2133
3000	ADATA	8GB	1Rx8	AX4U300038G16-BRZ1	SS	SPECTEK			16-18-18-38	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-SRZ1	SS	SPECTEK			16-18-18-38	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-DRZ1	SS	SPECTEK			16-18-18-38	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-QRZ1	SS	SPECTEK			16-18-18-38	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-BRZ1	SS	SPECTEK			16-18-18-36	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-SRZ1	SS	SPECTEK			16-18-18-36	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-DRZ1	SS	SPECTEK			16-18-18-36	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-QRZ1	SS	SPECTEK			16-18-18-36	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-BR80	SS				16-18-18-36	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-SR80	SS				16-18-18-36	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-DR80	SS				16-18-18-36	1.35v	v	V	V	v	2666
3000	ADATA	8GB	1Rx8	AX4U300038G16-QR80	SS				16-18-18-36	1.35v	v	V	V	v	2666
3000	Apacer	8GB	2Rx8	AHU08GGB30CDT5H	DS				16-16-16-36		v	V	V	v	2133
3000	Apacer	8GB	1Rx8	AHU08GGB30CDU7V	SS				16-16-16-36	1.35v	v	V	V	v	2133
3000	Apacer	8GB	1Rx8	AHU08GGB30CKU8R (EK.16GAZ.GJDK2)	SS				16-18-18-38	1.35v	v	V	V	v	2400
3000	GEIL	8GB	2Rx8	GSB416GB3000C16ADC	DS				16-18-18-36	1.35v	v	V	V	v	2133
3000	GEIL	8GB	2Rx8	GSB432GB3000C16AQC	DS				16-18-18-36	1.35v	v	V	V	v	2133
3000	GEIL	8GB	1Rx8	GLS416GB3000C16ADC	SS				16-18-18-36	1.35v	v	V	V	v	2133
3000	GEIL	8GB	1Rx8	GLS432GB3000C16AQC	SS				16-18-18-36	1.35v	v	V	V	v	2133
3000	PATRIOT	4GB	1Rx8	PV48G3000C6K	SS			CL16	1.35v	v	V	V	v	2133	
3000	PATRIOT	8GB	1Rx8	PV416G3000C6K	SS			CL16	1.35v	v	V	V	v	2133	
3000	KLEVV	4GB	1Rx8	KM4B4GX1A-3000-15-16-16-36-0	SS				15-16-16-36	1.35v	v	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	v	2400
3000	KLEVV	8GB	1Rx8	KM4B8GX1A-3000-15-16-16-36-0	SS				15-16-16-36	1.35v	v	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	v	2400
3000	KLEVV	16GB	2Rx8	KM4B16X1A-3000-15-16-16-36-0	DS				15-16-16-36	1.35v	v	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	v	2400
3000	Team	4GB	1Rx8	TLRED416G3000HC16CQC01	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Team	4GB	1Rx8	TDGED416G3000HC16CQC01	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Team	4GB	1Rx8	TLRED48G3000HC16CDC01	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Team	4GB	1Rx8	TDGED48G3000HC16CDC01	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Team	8GB	1Rx8	TF1D416G3000HC16CDC01	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Team	8GB	1Rx8	TF2D416G3000HC16CDC01	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Team	8GB	1Rx8	TF3D416G3000HC16CDC01	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Team	8GB	1Rx8	TF4D416G3000HC16CDC01	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Thermaltake	8GB	1Rx8	R009D408GX2-3000C16A Ver 1.1.2	SS	Hynix	H5AN8G8NMFVR-KVC		16-18-18-38	1.35v	v	V	V	v	2666
3000	V-Color	8GB	1Rx8	TL48G30S816B	SS			CL16	1.35v	v	V	V	v	2133	
3000	V-Color	8GB	1Rx8	TL48G30S816RGB	SS				16-18-18-38	1.35v	v	V	V	v	2133
3000	Neo Forza	8GB	1Rx8	NMUD480E82-3000DC30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	8GB	1Rx8	NMUD480E82-3000DA30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	8GB	1Rx8	NMUD480E82-3000DB30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	8GB	1Rx8	NMUD480E82-3000DD30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	8GB	1Rx8	NMUD480E81-3000DC30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	8GB	1Rx8	NMUD480E81-3000DA30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	8GB	1Rx8	NMUD480E81-3000DB30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	8GB	1Rx8	NMUD480E81-3000DD30	SS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	16GB	2Rx8	NMUD416E82-3000DC30	DS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	16GB	2Rx8	NMUD416E82-3000DA30	DS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	16GB	2Rx8	NMUD416E82-3000DB30	DS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	16GB	2Rx8	NMUD416E82-3000DD30	DS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	16GB	2Rx8	NMUD416E81-3000DC30	DS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	16GB	2Rx8	NMUD416E81-3000DA30	DS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	16GB	2Rx8	NMUD416E81-3000DB30	DS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
3000	Neo Forza	16GB	2Rx8	NMUD416E81-3000DD30	DS	Hynix			15-17-17-35	1.35v	v	V	V	v	2133
2933	CORSAIR	16GB	2Rx8	CMK128GX4M8Z2933C16 ver 4.31	DS	Samsung			16-18-18-36	1.35	v	V	V	v	2133
2933	HyperX	4GB	1Rx8	HX429C17FBK4/16	SS	Micron			17-19-19-39	1.2v	v	V	V	v	2933
2933	HyperX	4GB	1Rx8	HX429C17FBK2/8	SS	Micron			17-19-19-39	1.2v	v	V	V	v	2933
2933	HyperX	4GB	1Rx8	HX429C17FB/4	SS	Micron			17-19-19-39	1.2v	v	V	V	v	2933
2933	HyperX	8GB	1Rx8	HX429C17FB2/8	SS	Micron		CL17	1.2v	v	V	V	v	2933	
2933	HyperX	8GB	1Rx8	HX429C17FB2K2/16	SS	Micron		CL17	1.2v	v	V	V	v	2933	
2933	HyperX	8GB	1Rx8	HX429C17FB2K4/32	SS	Micron		CL17	1.2v	v	V	V	v	2933	
2933	HyperX	8GB	1Rx8	HX429C17FW2/8	SS	Micron		CL17	1.2v	v	V	V	v	2933	
2933	HyperX	8GB	1Rx8	HX429C17FW2K2/16	SS	Micron		CL17	1.2v	v	V	V	v	2933	

2933	HyperX	8GB	1Rx8	HX429C17FW2K4/32	SS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	8GB	1Rx8	HX429C17FR2/8	SS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	8GB	1Rx8	HX429C17FR2K2/16	SS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	8GB	1Rx8	HX429C17FR2K4/32	SS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	8GB	1Rx8	HX429C15PB3AK4/32	SS			CL15	1.35v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FB/16	DS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FBK2/32	DS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FBK4/64	DS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FW/16	DS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FWK2/32	DS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FWK4/64	DS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FR/16	DS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FRK2/32	DS	Micron		CL17	1.2v	v	V	V	v	2933
2933	HyperX	16GB	2Rx8	HX429C17FRK4/64	DS	Micron		CL17	1.2v	v	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
2800	KINGMAX	8GB	1Rx8	GLMG42F-18K1IA C.JBR4	SS				1.2v	v	V	V	v	2133
2800	PATRIOT	4GB	1Rx8	PVE48G280C6KRDR	SS			CL16	1.2v	v	V	V	v	2133
2800	Neo Forza	8GB	1Rx8	NMUD480E82-2800EB30	SS	Hynix		19-26-26-46	1.2v	v	V	V	v	2133
2800	Neo Forza	8GB	1Rx8	NMUD480E82-2800EA30	SS	Hynix		19-26-26-46	1.2v	v	V	V	v	2133
2800	Neo Forza	8GB	1Rx8	NMUD480E82-2800EC30	SS	Hynix		19-26-26-46	1.2v	v	V	V	v	2133
2800	Neo Forza	8GB	1Rx8	NMUD480E82-2800ED30	SS	Hynix		19-26-26-46	1.2v	v	V	V	v	2133
2800	Neo Forza	16GB	2Rx8	NMUD416E82-2800EB30	DS	Hynix		19-26-26-46	1.2v	v	V	V	v	2133
2800	Neo Forza	16GB	2Rx8	NMUD416E82-2800EA30	DS	Hynix		19-26-26-46	1.2v	v	V	V	v	2133
2800	Neo Forza	16GB	2Rx8	NMUD416E82-2800EC30	DS	Hynix		19-26-26-46	1.2v	v	V	V	v	2133
2800	Neo Forza	16GB	2Rx8	NMUD416E82-2800ED30	DS	Hynix		19-26-26-46	1.2v	v	V	V	v	2133
2666	HyperX	8GB	1Rx8	HX426C13PB3K4/32	SS	Hynix		CL13	1.35	v	V	V	v	2400
2666	HyperX	8GB	1Rx8	HX426C13PB3K2/16	SS	Hynix		CL13	1.35	v	V	V	v	2400
2666	HyperX	8GB	1Rx8	HX426C13PB3/8	SS	Hynix		CL13	1.35	v	V	V	v	2400
2666	HyperX	8GB	1Rx8	HX426C16FB2K4/32	SS	Hynix		CL16	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FB2K2/16	SS	Hynix		CL16	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FB2/8	SS	Hynix		CL16	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FB2K4/32	SS	Micron		CL16	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FB2K2/16	SS	Micron		CL16	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FB2/8	SS	Micron		CL16	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FB2K2/16	SS	Nanya		16-18-18-39	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FB2/8	SS	Nanya		16-18-18-39	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FR2K2/16	SS	Nanya		16-18-18-39	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FR2/8	SS	Nanya		16-18-18-39	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FW2K2/16	SS	Nanya		16-18-18-39	1.2v	v	V	V	v	2666
2666	HyperX	8GB	1Rx8	HX426C16FW2/8	SS	Nanya		16-18-18-39	1.2v	v	V	V	v	2666
2666	HyperX	16GB	2Rx8	HX426C16FBK4/64	DS	Hynix		CL16	1.2v	v		V	v	2666
2666	HyperX	16GB	2Rx8	HX426C16FBK2/32	DS	Hynix		CL16	1.2v	v		V	v	2666
2666	HyperX	16GB	2Rx8	HX426C16FB/16	DS	Hynix		CL16	1.2v	v		V	v	2666
2666	HyperX	16GB	2Rx8	HX426C16FWK4/64	DS	Hynix		CL16	1.2v	v	V	V	v	2666
2666	HyperX	16GB	2Rx8	HX426C16FWK2/32	DS	Hynix		CL16	1.2v	v	V	V	v	2666
2666	HyperX	16GB	2Rx8	HX426C16FW/16	DS	Hynix		CL16	1.2v	v	V	V	v	2666
2666	HyperX	16GB	2Rx8	HX426C13PB3K4/64	DS	Hynix		CL13	1.35	v	V	V	v	2400
2666	HyperX	16GB	2Rx8	HX426C13PB3K2/32	DS	Hynix		CL13	1.35	v	V	V	v	2400
2666	HyperX	16GB	2Rx8	HX426C13PB3/16	DS	Hynix		CL13	1.35	v	V	V	v	2400
2666	Kingston	8GB	1Rx8	KVR26N19S8/8	SS	Micron		CL19	1.2v	v	V	V	v	2666
2666	Kingston	8GB	1Rx8	KVR26N19S8/8	SS	Micron		CL19	1.2v	v	V	V	v	2666
2666	Kingston	16GB	2Rx8	KVR26N19D8/16	DS	Micron		CL19	1.2v	v	V	V	v	2666
2666	Kingston	16GB	2Rx8	KVR26N19D8/16	DS	Micron		CL19	1.2v	v	V	V	v	2666
2666	Kingston	16GB	2Rx8	KVR26N19D8/16I	DS	Nanya		19-19-19-43	1.2v	v	V	V	v	2666
2666	CORSAIR	4GB	1Rx8	CMK16GX4M4A2666C16 ver 3.21	SS	Micron		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	4GB	1Rx8	CMK16GX4M4A2666C16B ver 3.21	SS	Micron		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	4GB	1Rx8	CMK16GX4M4A2666C16R ver 3.21	SS	Micron		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	4GB	1Rx8	CMV4GX4M1A2666C18	SS			18-18-18-43	1.2v	v	V	V	v	2666
2666	CORSAIR	4GB	1Rx8	CMK8GX4M2A2666C16 ver3.22	SS	Micron		16-18-18-35	1.2v	v	V	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	v	2133
2666	CORSAIR	8GB	2Rx8	CMK32GX4M4A2666C16B ver3.21	DS	Micron		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	2Rx8	CMK32GX4M4A2666C16R ver .21	DS	Micron		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	2Rx8	CMK32GX4M4A2666C16W ver3.21	DS	Micron		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	1Rx8	CMK32GX4M4A2666C16 ver5.30	SS	Hynix		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	1Rx8	CMK32GX4M4A2666C16B ver5.30	SS	Hynix		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	1Rx8	CMK32GX4M4A2666C16R ver5.30	SS	Hynix		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	1Rx8	CMK32GX4M4A2666C16W ver5.30	SS	Hynix		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	1Rx8	CMK16GX4M4A2666C16 ver5.30	DS	Hynix		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	1Rx8	CMK16GX4M2A2666C16W ver5.30	DS	Hynix		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	1Rx8	CMK16GX4M2D2666C16 ver4.21	SS	Samsung		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	8GB	1Rx8	CMV8GX4M1A2666C18	SS			18-18-18-43	1.2v	v	V	V	v	2666
2666	CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16	DS			16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16R	DS			16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16W	DS			16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16 ver 4.31	DS	Samsung		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16W ver 4.31	DS	Samsung		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	16GB	2Rx8	CMK32GX4M2A2666C16R	DS			16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16 ver3.31	DS	Micron		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	16GB	2Rx8	CMK64GX4M4A2666C16W ver3.31	DS	Micron		16-18-18-35	1.2v	v	V	V	v	2133
2666	CORSAIR	16GB	2Rx8	CMK16GX4M1A2666C16 ver5.39	DS	Hynix		16-18-18-35	1.2v	v	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	V	V	v	2666

2400	HyperX	16GB	2Rx8	HX424C15FB/16	DS	PSC		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	v		2400
2400	Kingston	8GB	1Rx8	KVR24N17S8/8	SS	Micron		CL17	1.2v	v	v	v		2400
2400	Kingston	8GB	2Rx8	KVR24N17S8/8	DS	PSC		17-17-17-39	1.2v	v	v	v		2400
2400	Kingston	16GB	2Rx8	KVR24N17D8/16	DS	Micron		CL17	1.2v	v	v	v		2400
2400	CORSAIR	4GB	1Rx8	CMK8GX4M2D2400C14 ver3.11	SS	Micron		14-16-16-31	1.2v	v	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	v	2133
2400	CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C16R	SS			16-16-16-39	1.2v	v	v	v	v	2133
2400	CORSAIR	8GB	1Rx8	CMK16GX4M2A2400C16	SS			16-16-16-39	1.2v	v	v		v	2133
2400	CORSAIR	8GB	1Rx8	CMK16GX4M2A2400C16R	SS			16-16-16-39	1.2v	v	v		v	2133
2400	CORSAIR	8GB	2Rx8	CMK32GX4M4A2400C12	DS			12-14-14-28	1.2v	v	v	v	v	2133
2400	CORSAIR	8GB	1Rx8	CMK16GX4M2A2400C16 ver5.30	SS	Hynix		16-16-16-39	1.2v	v	v		v	2133
2400	CORSAIR	8GB	1Rx8	CMK32GX4M4A2400C14 ver3.31	SS	Micron		14-16-16-31	1.2v	v	v	v	v	2133
2400	CORSAIR	16GB	2Rx8	CMK128GX4M8A2400C14	DS			14-16-16-31	1.2v	v	v	v	v	2133
2400	CORSAIR	16GB	2Rx8	CMK64GX4M4A2400C14	DS			14-16-16-31	1.2v	v	v	v	v	2133
2400	CORSAIR	16GB	2Rx8	CMK128GX4M8A2400C14 ver5.30	DS	Hynix		14-16-16-31	1.2v	v	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	G.SKILL	8GB	2Rx8	F4-2400C15Q2-C4GRK	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	v	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	v	2133
2400	Apacer	8GB	2Rx8	AU08GGB24CETBGC	DS			CL17	1.2v	v	v	v		2400
2400	Apacer	8GB	1Rx8	AU08GGB24CEYBGC	SS			CL17	1.2v	v	v	v	v	2400
2400	Apacer	16GB	2Rx8	AHU16GGB24CDU7V	DS			16-16-16-36	1.2v	v	v	v	v	2133
2400	Antec	8GB	1Rx8	AMD4UZ124001508G-3S	SS	Samsung		15-15-15-39	1.2v	v	v	v	v	2400
2400	CRUCIAL	8GB	2Rx8	CT8G4WFD824A.18FB1	DS	Micron		CL17	1.2v	v	v	v		2400 v
2400	CRUCIAL	8GB	2Rx8	BLS8G4D240FSB.16FAR	DS	Micron		16-16-16-39	1.2v	v	v	v	v	2400 v
2400	CRUCIAL	16GB	2Rx8	CT16G4DFD824A.16FB1	DS	Micron		CL17	1.2v	v	v	v		2400
2400	GEIL	4GB	1Rx8	GSB44GB2400C16SC	SS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	4GB	1Rx8	GSB48GB2400C16DC	SS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	4GB	1Rx8	GSB416GB2400C16QC	SS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	4GB	1Rx8	GSB44GB2400C17SC	SS			17-17-17-39	1.2v	v	v	v	v	2400
2400	GEIL	4GB	1Rx8	GSB48GB2400C17DC	SS			17-17-17-39	1.2v	v	v	v	v	2400
2400	GEIL	4GB	1Rx8	GSB416GB2400C17QC	SS			17-17-17-39	1.2v	v	v	v	v	2400
2400	GEIL	4GB	1Rx8	GLS44GB2400C16SC	SS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	4GB	1Rx8	GALS48GB2400C16DC	SS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	4GB	1Rx8	GLS416GB2400C16QC	SS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	8GB	2Rx8	GSB48GB2400C16SC	DS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	8GB	2Rx8	GSB416GB2400C16DC	DS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	8GB	2Rx8	GSB432GB2400C16QC	DS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GEIL	8GB	1Rx8	GSB48GB2400C17SC	SS			17-17-17-39	1.2v	v	v	v		2400
2400	GEIL	8GB	1Rx8	GSB416GB2400C17DC	SS			17-17-17-39	1.2v	v	v	v		2400
2400	GEIL	8GB	1Rx8	GSB432GB2400C17QC	SS			17-17-17-39	1.2v	v	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	v	v	2400
2400	GEIL	16GB	2Rx8	GLS432GB2400C17DC	DS			17-17-17-39	1.2v	v	v	v	v	2400
2400	GEIL	16GB	2Rx8	GLS464GB2400C17QC	DS			17-17-17-39	1.2v	v	v	v	v	2400
2400	GALAX	4GB	1Rx8	GAM4BXLBS240016JE164C	SS			16-16-16-36	1.2v	v	v	v	v	2133
2400	GALAX	4GB	1Rx8	HOF4BLBM240012FD041C	SS			12-12-12-28	1.35v	v	v	v	v	2133
2400	HYUNDAI.inc	4GB	1Rx8	HYE4G24C17	SS			17-17-17-39	1.2v	v	v	v		2400
2400	KLEVV	4GB	1Rx8	KM4B4GX1N-2400-15-15-15-35-0	SS			15-15-15-35	1.2v	v	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	v	2400
2400	KLEVV	8GB	1Rx8	KM4B8GX1N-2400-15-15-15-35-0	SS			15-15-15-35	1.2v	v	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	v	2400
2400	KLEVV	16GB	2Rx8	KM4B16X1N-2400-15-15-15-35-0	DS			15-15-15-35	1.2v	v	v		v	2400
2400	KLEVV	16GB	2Rx8	KM4Z16X1N-2400-15-15-15-35-0	DS			15-15-15-35	1.2v	v	v	v	v	2400
2400	KINGMAX	4GB	1Rx16	GLLF62F-DAKZIG CLBU Z11B	SS	Spectek		17-17-17-39	1.2v	v	v	v		2400
2400	KINGMAX	16GB	2Rx8	GLLH22F-18K1IA CFBU2 Z11B	DS	Spectek		17-17-17-39	1.2v	v	v	v		2400
2400	ORCA	4GB	1Rx8	RUD404GS2400CG12	SS			16-16-16-36	1.2v	v	v	v		2400
2400	ORCA	8GB	1Rx8	RUD408GS2400CG12	SS			16-16-16-36	1.2v	v	v	v		2400
2400	PATRIOT	4GB	1Rx8	PVE48G240C5KRD	SS			CL15	1.2v	v	v	v	v	2133
2400	PATRIOT	8GB	1Rx8	PVE416G240C5KRD	SS			CL15	1.2v	v	v	v	v	2133
2400	PATRIOT	16GB	2Rx8	PSD416G24002	DS			CL17	1.2v	v	v	v	v	2400
2400	Team	4GB	1Rx8	TED416G2400C16QC01	SS	Hynix		16-16-16-39	1.2v	v	v	v		2400
2400	Team	4GB	1Rx8	TED48G2400C16DC01	SS	Hynix		16-16-16-39	1.2v	v	v	v		2400
2400	Team	4GB	1Rx8	TED44G2400C1601	SS	Hynix		16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TED432G2400C16QC01	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TPRD432G2400HC16QC01	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TPD432G2400HC16QC01	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TED416G2400C16DC01	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TPRD416G2400HC16DC01	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TPD416G2400HC16DC01	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TED48G2400C1601	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TPRD48G2400HC1601	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	2Rx8	TPD48G2400HC1601	DS			16-16-16-39	1.2v	v	v	v		2400
2400	Team	8GB	1Rx8	TLGD432G2400HC14QC01	SS			14-16-16-31	1.2v	v	v	v	v	2133

2400	Team	8GB	1Rx8	TLRED432G2400HC14QC01	SS			14-16-16-31	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TLGD416G2400HC14DC01	SS			14-16-16-31	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TLRED416G2400HC14DC01	SS			14-16-16-31	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TLGD48G2400HC1401	SS			14-16-16-31	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TLRED48G2400HC1401	SS			14-16-16-31	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TF3D416G2400HC15BDC01	SS			15-17-17-35	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TF4D416G2400HC15BDC01	SS			15-17-17-35	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TF3D48G2400HC15B01	SS			15-17-17-35	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TF4D48G2400HC15B01	SS			15-17-17-35	1.2v	v	V	V	v	2133
2400	Team	8GB	1Rx8	TED432G2400C16QC01	SS	Micron		16-16-16-39	1.2v	v	V	V		2400
2400	Team	8GB	1Rx8	TED416G2400C16DC01	SS	Micron		16-16-16-39	1.2v	v	V	V		2400
2400	Team	8GB	1Rx8	TED48G2400C1601	SS	Micron		16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	2Rx8	TED464G2400C16QC01	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	2Rx8	TPRD464G2400HC16QC01	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	2Rx8	TPD464G2400HC16QC01	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	2Rx8	TED432G2400C16DC01	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	2Rx8	TPRD432G2400HC16DC01	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	2Rx8	TPD432G2400HC16DC01	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	2Rx8	TED416G2400C1601	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	2Rx8	TPRD416G2400HC1601	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	1Rx8	TPD416G2400HC1601	DS			16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	1Rx8	TED432G2400C16DC01	SS	Hynix		16-16-16-39	1.2v	v	V	V		2400
2400	Team	16GB	1Rx8	TED416G2400C1601	SS	Hynix		16-16-16-39	1.2v	v	V	V		2400
2400	Panram	8GB	1Rx8	PUD42400C158G4NJW	SS			CL15	1.2v	v	V	V		2400
2400	Samsung	4GB	1Rx16	M378A5244CBO-CRC	SS				1.2v	v	V	V		2400
2400	V-Color	8GB	1Rx8	TC48G24S817	SS			CL17	1.2v	v	V	V		2400
2400	VISENTA	8GB	1Rx8	DDR4 2400 8G	SS			17-17-17-40	1.2v	v	V	V		2400
2400	VISENTA	16GB	2Rx8	DDR4 2400 16G	DS			15-15-15-35	1.2v	v	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	v	
2133	CORSAIR	16GB	2Rx8	CMV16GX4M1A2133C15	DS			C15	1.2v	v	V	V	v	
2133	CORSAIR	16GB	2Rx8	CMK32GX4M2A2133C13	DS			13-15-15-28	1.2v	v	V	V	v	
2133	CORSAIR	16GB	2Rx8	CMK128GX4M8A2133C13	DS			13-15-15-28	1.2v	v	V	V	v	
2133	G.SKILL	8GB	1Rx8	F4-2133C15S-8GIS	SS			15-15-15-35	1.2v	v	V	V	v	
2133	Apacer	4GB	1Rx8	AU04GGB13CDTBGH	SS			CL15	1.2v	v	V	V	v	
2133	CRUCIAL	8GB	1Rx8	CT8G4DFS8213.8FB1	SS	Micron		CL15	1.2v	v	V	V	v	
2133	CRUCIAL	16GB	2Rx8	CT16G4DFD8213.16FB1	DS	Micron		CL15	1.2v	v	V	V	v	
2133	GLOWAY	4GB	1Rx8	4G-2133	SS			15-15-15-35	1.2v	v	V	V	v	
2133	KLEVV	4GB	1Rx8	KM4B4GX1N-2133-15-15-15-35-0	SS			15-15-15-35	1.2v	v	V	V	v	
2133	KLEVV	8GB	1Rx8	KM4B8GX1N-2133-15-15-15-35-0	SS			15-15-15-35	1.2v	v	V	V	v	
2133	KLEVV	16GB	2Rx8	KM4B16X1N-2133-15-15-15-35-0	DS			15-15-15-35	1.2v	v	V	V	v	
2133	Panram	8GB	1Rx8	PUD42133C158G2VS	SS			CL15	1.2v	v	V	V	v	
2133	Samsung	8GB	1Rx8	M378A1K43BB1-CPB	SS			15-15-15-36	1.2v	v	V	V		2133
2133	Samsung	16GB	2Rx8	M378A2K43BB1-CPB	DS			15-15-15-36	1.2v	v	V	V		2133
2133	V-Color	8GB	1Rx8	TE48G21S815	SS	SKHynix		CL15	1.2v	v	V	V	v	v
2133	V-Color	8GB	1Rx8	TC48G21S815-IMS	SS			CL15	1.2v	v	V	V	v	v
2133	V-Color	16GB	2Rx8	TE416G21D815	DS	SKHynix		CL15	1.2v	v	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_1, DDR4_2** 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_1, DDR4_2** 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。