

Qualified Vendors List (QVL) (Vermeer)

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	RGB
										1	2			
3200	CORSAIR	8GB	1Rx8	CMH32GX4M4E3200C16 ver4.32	SS	Samsung		16-20-20-38	1.35v	V	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	V	2133	AMD
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2Z3200C16 ver3.31	DS	Micron		16-18-18-36	1.35v	V	V	V	2133	AMD
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2B3200C16 ver8.31	DS	Nanya B		16-18-18-36	1.35v	V	V	V	2133	
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2B3200C16W ver8.31	DS	Nanya B		16-18-18-36	1.35v	V	V	V	2133	
3200	CORSAIR	32GB	2Rx8	CMK64GX4M2C3200C16 ver 5.49	DS	Hynix		16-18-18-35	1.35v	V	V	V	2133	
3200	CORSAIR	32GB	2Rx8	CMK128GX4M4C3200C16 ver 5.49	DS	Hynix		16-18-18-36	1.35v	V	V	V	2133	
3200	CORSAIR	32GB	2Rx8	CMT128GX4M4C3200C16 ver 3.44	DS	Micron E		16-18-18-36	1.35v	V	V	V	2133	
3200	CORSAIR	32GB	2Rx8	CMH64GX4M2E3200C16 ver3.41	DS	Micron E		16-20-20-38	1.35v	V	V	V	2133	
3200	CORSAIR	32GB	2Rx8	CMH128GX4M4E3200C16 ver3.41	DS	Micron E		16-20-20-38	1.35v	V	V	V	2133	
3200	CRUCIAL	4GB	1Rx8	CT4G4DFS632A.4FJ1	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	CRUCIAL	8GB	1Rx8	CT8G4DFS832A.8FE1	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	CRUCIAL	16GB	2Rx8	CT16G4DFD832A.16FE1	DS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	ChunWell	8GB	1Rx8	MD4U083216	SS			16-18-18-36	1.35v	V	V	V	2133	
3200	GIGABYTE	32GB	2Rx8	GP-DSG64G32	DS	Hynix		16-18-18-38	1.35v	V	V	V	2666	
3200	G.SKILL	32GB	2Rx8	F4-3200C16Q-128GVK	DS			16-18-18-38	1.35v	V	V	V	2666	
3200	Kingston	4GB	1Rx8	HX432C16FB3K4/16	SS	Hynix		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	4GB	1Rx8	HX432C16FB3K2/8	SS	Hynix		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	4GB	1Rx8	HX432C16FB3/4	SS	Hynix		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	8GB	1Rx8	HX432C16FB3AK4/32	SS	Hynix		16-18-18	1.35v	V	V	V	2666	
3200	Kingston	8GB	1Rx8	HX432C16FB3AK2/16	SS	Hynix		16-18-18	1.35v	V	V	V	2666	
3200	Kingston	8GB	1Rx8	HX432C16FB3A/8	SS	Hynix		16-18-18	1.35v	V	V	V	2666	
3200	Kingston	8GB	1Rx8	HX432C16FB3K4/32	SS	Hynix		16-18-18	1.35v	V	V	V	2666	
3200	Kingston	8GB	1Rx8	HX432C16FB3K2/16	SS	Hynix		16-18-18	1.35v	V	V	V	2666	
3200	Kingston	8GB	1Rx8	HX432C16FB3/8	SS	Hynix		16-18-18	1.35v	V	V	V	2666	
3200	Kingston	8GB	1Rx8	HX432C16FB3K4/32	SS	Nanya C		15-17-17-36	1.35v	V	V	V	2400	
3200	Kingston	8GB	1Rx8	HX432C16FB3K2/16	SS	Nanya C		15-17-17-36	1.35v	V	V	V	2400	
3200	Kingston	8GB	1Rx8	HX432C16FB3/8	SS	Nanya C		15-17-17-36	1.35v	V	V	V	2400	
3200	Kingston	8GB	1Rx8	HX432C16FB3K4/32	SS	Samsung D		15-17-17-36	1.35v	V	V	V	2400	
3200	Kingston	8GB	1Rx8	HX432C16FB3K2/16	SS	Samsung D		15-17-17-36	1.35v	V	V	V	2400	
3200	Kingston	8GB	1Rx8	HX432C16FB3/8	SS	Samsung D		15-17-17-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16PB3AK4/64	DS	Hynix		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16PB3AK2/32	DS	Hynix		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16PB3/8	DS	Hynix		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16PB3AK4/64	DS	Micron		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16PB3AK2/32	DS	Micron		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16FB3A/16	DS	Micron		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16FB3K4/64	DS	Micron		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16FB3K2/32	DS	Micron		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16FB3/16	DS	Micron		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16PB3/16	DS	Kingston C		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16PB3K2/32	DS	Kingston C		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	2Rx8	HX432C16PB3K4/64	DS	Kingston C		16-18-18-36	1.35v	V	V	V	2400	
3200	Kingston	16GB	1Rx8	HX432C16FB4/16	SS	Samsung M		16-20-20-39	1.35v	V	V	V	2400	
3200	Kingston	16GB	1Rx8	HX432C16FB4K2/32	SS	Samsung M		16-20-20-39	1.35v	V	V	V	2400	
3200	Kingston	16GB	1Rx8	HX432C16FB4K4/64	SS	Samsung M		16-20-20-39	1.35v	V	V	V	2400	
3200	Kingston	16GB	1Rx8	HX432C16FB4AK4/64	SS	Micron E		16-20-20-39	1.35v	V	V	V	2400	
3200	Kingston	4GB	1Rx8	KVR32N22S6/4	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	4GB	1Rx8	KVR32N22S6/4	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	8GB	1Rx8	KVR32N22S8/8	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	8GB	1Rx8	KVR32N22S8/8	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	8GB	1Rx16	KVR32N22S6/8	SS	Micron E		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	16GB	2Rx8	KVR32N22D8/16	DS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	16GB	2Rx8	KVR32N22D8/16	DS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	16GB	2Rx8	KVR32N22S8/16	SS	Micron E		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	32GB	2Rx8	KVR32N22D8/32	DS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Kingston	32GB	2Rx8	HX432C16FB3/32	DS	Micron		16-20-20	1.35v	V	V	V	2400	
3200	Kingston	32GB	2Rx8	HX432C16FB3K2/64	DS	Micron		16-20-20	1.35v	V	V	V	2400	
3200	Kingston	32GB	2Rx8	HX432C16FB3K4/128	DS	Micron		16-20-20	1.35v	V	V	V	2400	
3200	Kingston	32GB	2Rx8	HX432C16PB3/32	DS	Micron E		16-19-19-36	1.35v	V	V	V	2400	
3200	Kingston	32GB	2Rx8	HX432C16PB3K2/64	DS	Micron E		16-19-19-36	1.35v	V	V	V	2400	
3200	Kingston	32GB	2Rx8	HX432C16PB3K4/128	DS	Micron E		16-19-19-36	1.35v	V	V	V	2400	
3200	Kingston	32GB	2Rx8	HX432C16PB3K8/256	DS	Micron E		16-19-19-36	1.35v	V	V	V	2400	
3200	PATRIOT	16GB	1Rx8	PVB432G320C6K	SS			16-18-18-36	1.35v	V	V	V	2666	
3200	KLEVV	8GB	1Rx8	KD48GU880-32A160T	SS			16-18-18-38	1.35v	V	V	V	2666	
3200	KLEVV	8GB	1Rx8	KD48GU880-32A160X	SS	Hynix		16-18-18-38	1.35v	V	V	V	2666	
3200	KLEVV	8GB	1Rx8	KD48GU88D-32N2200	SS			22-22-22-52	1.2v	V	V	V	3200	
3200	Ramoner	8GB	1Rx8	TR-D43208DTLA2	SS			20-20-20-47	1.35v	V	V	V	2666	
3200	Samsung	8GB	1Rx16	M378A1G44AB0-CWE	SS			22-22-22-52	1.2v	V	V	V	3200	
3200	Samsung	16GB	1Rx8	M378A2G44AB3-CWE	SS			22-22-22-52	1.2v	V	V	V	3200	
3200	Thermaltake	8GB	1Rx8	R009D408GX2-3200C16A Ver 1.1.2	SS	Hynix	H5AN8G8NCJR-VKC	16-18-18-38	1.35v	V	V	V	2666	
3200	Thermaltake	8GB	1Rx8	R009D408GX2-3200C16A Ver:1.1.3	SS	Hynix	H5AN8G8NCJR-VKC	16-18-18-36	1.35v	V	V	V	2666	
3200	Thermaltake	16GB	1Rx8	R009D416GX2-3200C16A	SS	Hynix	H5ANAG8NAFR-VKC	16-18-18-36	1.35v	V	V	V	2666	
3200	Thermaltake	16GB	1Rx8	R022D416GX2-3200C16A	SS	Hynix	H5ANAG8NAFR-VKC	16-18-18-36	1.35v	V	V	V	2666	
3200	Thermaltake	32GB	2Rx8	R009R432GX2-3200C16A	DS	Hynix	H5ANAG8NAFR-VKC	16-18-18-36	1.35v	V	V	V	2666	
3200	Thermaltake	32GB	2Rx8	R022R432GX2-3200C16A	DS	Hynix	H5ANAG8NAFR-VKC	16-18-18-36	1.35v	V	V	V	2666	
3200	Team	4GB	1Rx8	TPD44G3200HC2201	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Team	4GB	1Rx8	TPRD44G3200HC2201	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Team	4GB	1Rx8	TPD48G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Team	4GB	1Rx8	TPRD48G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Team	8GB	1Rx8	TPD48G3200HC2201	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Team	8GB	1Rx8	TPRD48G3200HC2201	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Team	8GB	1Rx8	TPD416G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	
3200	Team	8GB	1Rx8	TPRD416G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	V	3200	

Qualified Vendors List (QVL) (Vermeer)

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	RGB
										1	2			
3200	Team	8GB	1Rx8	TTCCD416G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	V	V	3200
3200	Team	8GB	1Rx8	TDPGD48G3200HC14BBK	SS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF10D48G3200HC14BBK	SS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TDPGD416G3200HC14BDC01	SS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF10D416G3200HC14BDC01	SS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TDPGD432G3200HC14BQC01	SS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF10D432G3200HC14BQC01	SS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TLZGD48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TLZRD48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TZDGD48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TDZRD48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF3D48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF4D48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TLZGD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TLZRD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TDZGD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TZRD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF3D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF4D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF10D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF1D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF2D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TTCED416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TLZGD432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TLZRD432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF3D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF4D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF10D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF13D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF2D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TTCED432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TLZGD464G3200HC16COC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TLZRD464G3200HC16COC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	8GB	1Rx8	TF10D464G3200HC16COC01	SS	Hynix C		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	2Rx8	TPD416G3200HC2201	DS	Micron		22-22-22-52	1.2v	V	V	V	V	3200
3200	Team	16GB	2Rx8	TPRD416G3200HC2201	DS	Micron		22-22-22-52	1.2v	V	V	V	V	3200
3200	Team	16GB	2Rx8	TPD432G3200HC22DC01	DS	Micron		22-22-22-52	1.2v	V	V	V	V	3200
3200	Team	16GB	2Rx8	TPRD432G3200HC22DC01	DS	Micron		22-22-22-52	1.2v	V	V	V	V	3200
3200	Team	16GB	1Rx8	TTCCD432G3200HC22DC01	DS	Micron		22-22-22-52	1.2v	V	V	V	V	3200
3200	Team	16GB	1Rx8	TED416G3200C2201	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TPD416G3200HC2201	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TPRD416G3200HC2201	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TED432G3200C22DC01	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TPD432G3200HC22DC01	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TPRD432G3200HC22DC01	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TED464G3200C22QC01	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TPD464G3200HC22QC01	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TPRD464G3200HC22QC01	SS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TLZGD416G3200HC16C01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TLZRD416G3200HC16C01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TDZGD416G3200HC16C01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TZDZRD416G3200HC16C01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TF10D416G3200HC16CBK	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TLZGD432G3200HC16CDC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TLZRD432G3200HC16CDC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TZDGD432G3200HC16CDC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TDZRD432G3200HC16CDC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TF10D432G3200HC16CDC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TLZGD464G3200HC16CQC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TLZRD464G3200HC16CQC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TDZGD464G3200HC16CQC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TDZRD464G3200HC16CQC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	1Rx8	TF10D464G3200HC16CQC01	SS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	16GB	2Rx8	TDPGD416G3200HC14BBK	DS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	16GB	2Rx8	TF10D416G3200HC14BBK	DS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	16GB	2Rx8	TDPGD432G3200HC14BDC01	DS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	16GB	2Rx8	TF10D432G3200HC14BDC01	DS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	16GB	2Rx8	TDPGD464G3200HC14BQC01	DS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	16GB	2Rx8	TF10D464G3200HC14BQC01	DS	Samsung		14-14-14-34	1.35v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TED432G3200C2201	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TPD432G3200HC2201	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TPRD432G3200HC2201	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TED464G3200C22DC01	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TPD464G3200HC22DC01	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TPRD464G3200HC22DC01	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TTCCD464G3200HC22DC01	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TED4128G3200C22QC01	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TPD4128G3200HC22QC01	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TPRD4128G3200HC22QC01	DS	SpecTek		22-22-22-52	1.2v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TZDZRD432G3200HC16C01	DS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TDZGD432G3200HC16C01	DS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TLZGD432G3200HC16C01	DS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TLZRD432G3200HC16C01	DS	Micron		16-18-18-38	1.35v	V	V	V	V	2400
3200	Team	32GB	2Rx8	TF10D432G3200HC16CBK	DS	Micron		16-18-18-38	1.35v	V	V	V	V	2400

Qualified Vendors List (QVL) (Vermeer)

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	RGB
										1	2			
2400	GEIL	16GB	2Rx8	GLS432GB2400C16DC	DS			16-16-16-36	1.2v	V	V	v	2133	v
2400	GEIL	16GB	2Rx8	GLS464GB2400C16QC	DS			16-16-16-36	1.2v	V	V	v	2133	v
2400	GEIL	16GB	2Rx8	GLS416GB2400C17SC	DS			17-17-17-39	1.2v	V	V		2400	v
2400	GEIL	16GB	2Rx8	GLS432GB2400C17DC	DS			17-17-17-39	1.2v	V	V		2400	v
2400	GEIL	16GB	2Rx8	GLS464GB2400C17QC	DS			17-17-17-39	1.2v	V	V		2400	v
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	V		2400	
2400	PATRIOT	4GB	1Rx8	PSP48G2400KH1	SS	PSC		17-17-17-39	1.2v	V	V		2400	
2400	Samsung	32GB	2Rx8	M378A4G43MB1-CRC	DS	Samsung		17-17-17-40	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	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	TGDED432G2400HC14QC01	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	TGDED416G2400HC14DC01	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	
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	v	2133	v
2400	Team	8GB	1Rx8	TF4D416G2400HC15BDC01	SS			15-17-17-35	1.2v	V	V	v	2133	v
2400	Team	8GB	1Rx8	TF3D48G2400HC15B01	SS			15-17-17-35	1.2v	V	V	v	2133	v
2400	Team	8GB	1Rx8	TF4D48G2400HC15B01	SS			15-17-17-35	1.2v	V	V	v	2133	v
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	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	Team	16GB	1Rx8	TED416G2400C1601	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2400	Team	16GB	1Rx8	TPD416G2400HC1601	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2400	Team	16GB	1Rx8	TPRD416G2400HC1601	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2400	Team	16GB	1Rx8	TED432G2400C16DC01	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2400	Team	16GB	1Rx8	TPD432G2400HC16DC01	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2400	Team	16GB	1Rx8	TPRD432G2400HC16DC01	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2400	Team	16GB	1Rx8	TED464G2400C16QC01	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2400	Team	16GB	1Rx8	TPD464G2400HC16QC01	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2400	Team	16GB	1Rx8	TPRD464G2400HC16QC01	SS	SpecTek		16-16-16-39	1.2v	V	V		2400	
2133	CORSAIR	8GB	2Rx8	CMK64GX4M8A2133C13	DS			13-15-15-28	1.2v	V	V		2133	
2133	CORSAIR	8GB	1Rx8	CMV8GX4M1A2133C15-ESS	SS	Samsung		C15	1.2v	V	V		2133	
2133	CORSAIR	16GB	2Rx8	CMV16GX4M1A2133C15	DS			C15	1.2v	V	V		2133	
2133	CORSAIR	16GB	2Rx8	CMK32GX4M2A2133C13	DS			13-15-15-28	1.2v	V	V		2133	
2133	CORSAIR	16GB	2Rx8	CMK128GX4M8A2133C13	DS			13-15-15-28	1.2v	V	V	v	2133	
2133	G.SKILL	8GB	1Rx8	F4-2133C15S-8GIS	SS			15-15-15-35	1.2v	V	V		2133	
2133	KLEVV	4GB	1Rx8	KM4B4GX1N-2133-15-15-15-35-0	SS			15-15-15-35	1.2v	V	V		2133	
2133	Samsung	8GB	1Rx8	M378A1K43BB1-CPB	SS			15-15-15-36	1.2v	V	V		2133	
2133	Samsung	16GB	2Rx8	M378A2K43BB1-CPB	DS			15-15-15-36	1.2v	V	V		2133	

• When running XMP at DDR4 3200MHz 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的效率而有所差異

• 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。