

Qualified Vendors List (QVL) (Picasso APU)

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	RGB
										2	4				
2400	PATRIOT	4GB	1Rx8	PVE48G240C5KRD	SS			CL15	1.2v	V	V	v			
2400	PATRIOT	8GB	1Rx8	PVE416G240C5KRD	SS			CL15	1.2v	V	V	v			
2400	Panram	8GB	1Rx8	PUD42400C158G4NJW	SS			CL15	1.2v	V	V	v			
2400	Samsung	4GB	1Rx16	M378A5244CB0-CRC	SS				1.2v	V	V	v			
2400	Team	16GB	2Rx8	TED464G2400C16QC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	2Rx8	TPRD464G2400HC16QC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	2Rx8	TPD464G2400HC16QC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	2Rx8	TED432G2400C16DC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	2Rx8	TPRD432G2400HC16DC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	2Rx8	TPD432G2400HC16DC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	2Rx8	TED416G2400C1601	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	2Rx8	TPRD416G2400HC1601	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	1Rx8	TPD416G2400HC1601	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	1Rx8	TED432G2400C16DC01	SS	Hynix		16-16-16-39	1.2v	V	V	v			
2400	Team	16GB	1Rx8	TED416G2400C1601	SS	Hynix		16-16-16-39	1.2v	V	V	v			
2400	Team	4GB	1Rx8	TED416G2400C16QC01	SS	Hynix		16-16-16-39	1.2v	V	V	v			
2400	Team	4GB	1Rx8	TED48G2400C16DC01	SS	Hynix		16-16-16-39	1.2v	V	V	v			
2400	Team	4GB	1Rx8	TED44G2400C1601	SS	Hynix		16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TED432G2400C16QC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TPRD432G2400HC16QC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TPD432G2400HC16QC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TED416G2400C16DC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TPRD416G2400HC16DC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TPD416G2400HC16DC01	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TED48G2400C1601	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TPRD48G2400HC1601	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	2Rx8	TPD48G2400HC1601	DS			16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TED432G2400C16QC01	SS	Micron		16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TED416G2400C16DC01	SS	Micron		16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TED48G2400C1601	SS	Micron		16-16-16-39	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TLGD432G2400HC14QC01	SS			14-16-16-31	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TLRED432G2400HC14QC01	SS			14-16-16-31	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TLGD416G2400HC14DC01	SS			14-16-16-31	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TLRED416G2400HC14DC01	SS			14-16-16-31	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TLGD48G2400HC1401	SS			14-16-16-31	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TLRED48G2400HC1401	SS			14-16-16-31	1.2v	V	V	v			
2400	Team	8GB	1Rx8	TF3D416G2400HC15BDC01	SS			15-17-17-35	1.2v	V	V	v			v
2400	Team	8GB	1Rx8	TF4D416G2400HC15BDC01	SS			15-17-17-35	1.2v	V	V	v			v
2400	Team	8GB	1Rx8	TF3D48G2400HC15B01	SS			15-17-17-35	1.2v	V	V	v			v
2400	Team	8GB	1Rx8	TF4D48G2400HC15B01	SS			15-17-17-35	1.2v	V	V	v			v
2400	V-Color	8GB	1Rx8	TC48G24S817	SS			CL17	1.2v	V	V	v			
2400	VISENTA	16GB	2Rx8	DDR4 2400 16G	DS			15-15-15-35	1.2v	V	V	v			
2400	VISENTA	8GB	1Rx8	DDR4 2400 8G	SS			17-17-17-40	1.2v	V	V	v			
2133	Apacer	4GB	1Rx8	AU04GGB13CDBTGH	SS			CL15	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	N/A	v			
2133	CORSAIR	8GB	2Rx8	CMK64GX4M8A2133C13	DS			13-15-15-28	1.2v	V	V	v			
2133	CORSAIR	8GB	1Rx8	CMV9GX4M1A2133C15-ESS	SS	Samsung		C15	1.2v	V	V	v			
2133	CORSAIR	16GB	2Rx8	CMK128GX4M8A2133C13	DS			13-15-15-28	1.2v	V	V	v			
2133	CRUCIAL	16GB	2Rx8	CT16G40DFD8213.16FB1	DS	Micron		CL15	1.2v	V	V	v			
2133	CRUCIAL	8GB	1Rx8	CT8G40DFS8213.8FB1	SS	Micron		CL15	1.2v	V	V	v			
2133	G.SKILL	8GB	1Rx8	F4-2133C15S-8GIS	SS			15-15-15-35	1.2v	V	N/A	v			
2133	GLOWAY	4GB	1Rx8	4G-2133	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	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	Panram	8GB	1Rx8	PUD42133C158G2V5	SS			CL15	1.2v	V	V	v			
2133	Samsung	16GB	2Rx8	M378A2K43BB1-CPB	DS			15-15-15-36	1.2v	V	N/A	v			
2133	Samsung	8GB	1Rx8	M378A1K43BB1-CPB	SS			15-15-15-36	1.2v	V	N/A	v			
2133	V-Color	16GB	2Rx8	TE416G21D815	DS	SKHynix		CL15	1.2v	V	V	v			v
2133	V-Color	8GB	1Rx8	TE48G21S815	SS	SKHynix		CL15	1.2v	V	V	v			v
2133	V-Color	8GB	1Rx8	TC48G21S815-IMS	SS			CL15	1.2v	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, DDR4_B2** 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, DDR4_B2**插槽以確保更好的相容性

* 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。