

P5B-VM DO Motherboard Qualified Vendors Lists (QVL)

DDR2-800MHz capability

Size	Vendor	Chip No.	SS/ DS	Part No.	DIMM support		
					A	B	C
512MB	KINGSTON	K4T51083QC	SS	KVR80002N5412	*	*	*
1024MB	KINGSTON	K4T51083QC	DS	KVR80002N541G	*	*	*
1024MB	KINGSTON	Heat-Sink Package	DS	KHE640002LL1G	*	*	*
1024MB	KINGSTON	Heat-Sink Package	SS	KHE640002LLK21GN	*	*	*
2048MB	KINGSTON	Heat-Sink Package	DS	KHE640002K22G	*	*	*
512MB	Qimonda	HYB18T25800AF25F	DS	HY84T84000HU-25F-A	*	*	*
256MB	Qimonda	HYB18T512160EF-25F	SS	HY84T32000HU-25F-B	*	*	*
512MB	Qimonda	HYB18T512800BF25F	SS	HY84T84000HU-25F-B	*	*	*
1024MB	Qimonda	HYB18T512800BF25F	DS	HY84T128000HU-25F-B	*	*	*
512MB	SAMSUNG	EDD335XX	SS	M378T8653CZ3-CE7	*	*	*
256MB	SAMSUNG	K4T51163QC-ZCE7	SS	M378T3354CZ3-CE7	*	*	*
512MB	SAMSUNG	ZCE7K4T51083QC	SS	M378T8653CZ3-CE7	*	*	*
1024MB	SAMSUNG	ZCE7K4T51083QC	DS	M378T2953CZ3-CE7	*	*	*
512MB	Hynix	HY5PS12821BFP-S5	SS	HYMP54UJ54BP5-S5	*	*	*
1024MB	Hynix	HY5PS12821BFP-S5	DS	HYMP512UJ54BP5-S5	*	*	*
512MB	MICRON	5JAI23DQQ	SS	MT8HTF8464AY-80EA3	*	*	*
1024MB	MICRON	5JAI23DQQ	DS	MT19HTF12864AY-80EA3	*	*	*
512MB	MICRON	5ZD22D9GKX	SS	MT8HTF8464AY-80ED4	*	*	*
1024MB	MICRON	5ZD22D9GKX	DS	MT19HTF12864AY-80ED4	*	*	*
512MB	MICRON	6CD22D9GKX	SS	MT8HTF8464AY-80ED4	*	*	*
1024MB	MICRON	6CD22D9GKX	DS	MT19HTF12864AY-80ED4	*	*	*
1024MB	CORSAIR	Heat-Sink Package	DS	CM2X1024-6400C4	*	*	*
1024MB	ELPIDA	E1108AB-8E-E(ECC)	SS	EBE10EE8MBFA-8E-E	*	*	*
2048MB	ELPIDA	E1108AB-8E-E(ECC)	DS	EBE21EE8MBFA-8E-E	*	*	*
512MB	A-DATA	N/A	SS	M20AD6G3H3160J1E52	*	*	*
512MB	A-DATA	AD29608A8A-25EG	SS	M20AD6G3H3160J1E5E	*	*	*
512MB	Crucial	Heat-Sink Package	SS	BL644AA804.8FD	*	*	*
1024MB	Crucial	Heat-Sink Package	DS	BL12864AA804.16FD	*	*	*
512MB	Apacer	Heat-Sink Package	SS	AHU512E800C5K1C	*	*	*
1024MB	Apacer	Heat-Sink Package	DS	AHU01GE800C5K1C	*	*	*
512MB	Transcend	K4T51083QC	SS	TS84ML064VJ	*	*	*

DDR2-667MHz capability

Size	Vendor	Cmp No.	SS/ DS	Part No.	DIMM support		
					A	B	C
512MB	KINGSTON	E5108AE-0E-E	SS	KVR667D2N5.512	*	*	*
1024MB	KINGSTON	E5108AE-0E-E	DS	KVR667D2N5.1G	*	*	*
512MB	KINGSTON	E5108AE-0E-E	SS	KVR667D2E5.512	*	*	*
256MB	KINGSTON	HYB18T256800AF3	SS	KVR667D2N5.056	*	*	*
512MB	KINGSTON	D6408TEBG.L3U	SS	KVR667D2N5.512	*	*	*
1024MB	KINGSTON	D6408TEBG.L3U	DS	KVR667D2N5.1G	*	*	*
256MB	KINGSTON	HYB18T256800AF3S	SS	KVR667D2N5.056	*	*	*
256MB	Qimonda	HYB18T512160AF-3S	SS	HY564T32000HU-3S-A	*	*	*
512MB	Qimonda	HYB18T512800AF3S	SS	HY564T64000HU-3S-A	*	*	*
256MB	Qimonda	HYB18T256800AF3S(ECC)	SS	HY572T32000HU-3S-A	*	*	*
512MB	Qimonda	HYB18T512800AF3S(ECC)	SS	HY572T64000HU-3S-A	*	*	*
1024MB	Qimonda	HYB18T512800AF3S(ECC)	DS	HY572T128000HU-3S-A	*	*	*
512MB	Qimonda	HYB18T512800BF3S(ECC)	SS	HY572T64000HU-3S-B	*	*	*
1024MB	Qimonda	HYB18T512800BF3S(ECC)	DS	HY572T128000HU-3S-B	*	*	*
256MB	Qimonda	HYB18T512160BF-3S	SS	HY564T32000HU-3S-B	*	*	*
512MB	Qimonda	HYB18T512800BF3S	SS	HY564T64000HU-3S-B	*	*	*
1024MB	Qimonda	HYB18T512800BF3S	DS	HY564T128000HU-3S-B	*	*	*
256MB	SAMSUNG	K4T51163QC-ZCE6	SS	M378T364C20-CE6	*	*	*
512MB	SAMSUNG	ZCE8K4T51083QC	SS	M378T6663C20-CE6	*	*	*
1024MB	SAMSUNG	ZCE8K4T51083QC	DS	M378T2953C20-CE6	*	*	*
1024MB	SAMSUNG	ZCE8K4T51083QC	DS	M378T2953C23-CE6	*	*	*
512MB	Hynix	HY5PS12821AFP-Y5	SS	HYMP564U54AP8-Y5	*	*	*
1024MB	Hynix	HY5PS10831FP-Y5(ECC)	SS	HYMP112L72P8-Y5	*	*	*
512MB	Hynix	HY5PS12821AFP-Y5(ECC)	SS	HYMP564U72AP8-Y5	*	*	*
1024MB	Hynix	HY5PS12821AFP-Y5(ECC)	DS	HYMP512U72AP8-Y5	*	*	*
512MB	Hynix	HY5PS12821AFP-Y4	SS	HYMP564U54AP8-Y4	*	*	*
512MB	Hynix	HY5PS12821AFP-Y4(ECC)	SS	HYMP564U72AP8-Y4	*	*	*
256MB	CORSAIR	M8100D6	SS	VS256MB667D2	*	*	*
512MB	CORSAIR	64MBCFEG	SS	VS512MB667D2	*	*	*
1024MB	CORSAIR	64MBCFEG	DS	VS1GB667D2	*	*	*
256MB	ELPIDA	E2508AB-0E-E	SS	EBE25UC8A8FA-0E-E	*	*	*
512MB	ELPIDA	E5108AE-0E-E	SS	EBE51UD8A8FA-0E-E	*	*	*
512MB	A-DATA	AD29608ABA-3EG	SS	M2CAD5G3H31661C52	*	*	*
1024MB	A-DATA	AD29608ABA-3EG	DS	M2CAD5G3H4176H1C52	*	*	*
1024MB	crucial	Heat-Sink Package	DS	BL12864AA863.16FD	*	*	*
1024MB	crucial	Heat-Sink Package	DS	BL12864AL664.16FD	*	*	*
512MB	Apacer	AM4B5708GJ57E	SS	AU512E667C5K8GC	*	*	*
1024MB	Apacer	AM4B5708GJ57E	DS	AU01GE667C5K8GC	*	*	*
512MB	Apacer	AM4B5708P.J57E	SS	AU512E667C5K8GC	*	*	*
512MB	Apacer	AM4B5708GJ57E	SS	AU512E667C5K8GC	*	*	*
1024MB	Apacer	N/A	DS	AU01GE667C5K8GC	*	*	*
512MB	Kingmax	KKEA8884LAJG-29DX	SS	KLCC28F-ABK85	*	*	*
1024MB	Kingmax	KKEA8884LAJG-29DX	DS	KLCD48F-ABK85	*	*	*
512MB	Transcend	E5108AE-0E-E	SS	TS64HLQ64V5J	*	*	*
1024MB	Transcend	E5108AE-0E-E	DS	TS128MLQ64V5J	*	*	*
512MB	Transcend	J12Q3A8-6	SS	JM367Q643A-6	*	*	*
1024MB	Transcend	J12Q3A8-6	DS	JM388Q643A-6	*	*	*

DDR2-553 MHz capability

Size	Vendor	Chip No.	SS/ DS	Part No.	DIMM support		
					A	B	C
256MB	KINGSTON	E5116AF-5C-E	SS	KVR533D2N4256	*	*	*
512MB	KINGSTON	HYB18T512800AF37	SS	KVR533D2N4512	*	*	*
1024MB	KINGSTON	5YD1D9GCT	DS	KVR533D2N41G	*	*	*
256MB	Qimonda	HYB18T512160AF-3.7	SS	HY564T32000HU-3.7-A	*	*	*
512MB	Qimonda	HYB18T512800AF37	SS	HY564T64000HU-3.7-A	*	*	*
1024MB	Qimonda	HYB18T512800AF37	DS	HY564T129020HU-3.7-A	*	*	*
256MB	Qimonda	HYB18T51216089F-3.7	SS	HY564T32000HU-3.7-B	*	*	*
512MB	Qimonda	HYB18T5128006F37	SS	HY564T64000HU-3.7-B	*	*	*
1024MB	Qimonda	HYB18T5128006F37	DS	HY564T129020HU-3.7-B	*	*	*
256MB	Qimonda	HYB18T256800AF37(ECC)	SS	HY572T32000HU-3.7-A	*	*	*
1024MB	Qimonda	HYB18T512800AF37(ECC)	DS	HY572T129020HU-3.7-A	*	*	*
512MB	SAMSUNG	ZC05K4T51083QC	SS	M378T6553C23-CD5	*	*	*
1024MB	SAMSUNG	ZC05K4T51083QC	DS	M378T2953C23-CD5	*	*	*
512MB	Hynix	HY5PS12621F-C4	SS	HYMP564U648-C4	*	*	*
1024MB	Hynix	HY5PS12621F-C4	DS	HYMP512U648-C4	*	*	*
1024MB	Hynix	HY5PS12621F-C4(ECC)	DS	HYMP512U728-C4	*	*	*
512MB	Hynix	HY5PS12621FP-C4(ECC)	SS	HYMP564U728-C4	*	*	*
512MB	Hynix	HY5PS12621AFP-C3	SS	HYMP564U648FP-C3	*	*	*
1024MB	Hynix	HY5PS12621AFP-C3	DS	HYMP512U648FP-C3	*	*	*
1024MB	CORSAIR	64M8CEDG	DS	VS1GB533D2	*	*	*
512MB	ELPIDA	E5108AB-5C-E	SS	EBE51UD8A5FA-5C-E	*	*	*
512MB	KINGMAX	E5108AE-5C-E	SS	KLBC28F-A5EB4	*	*	*
1024MB	KINGMAX	E5108AE-5C-E	DS	KLBD48F-A5EB4	*	*	*
512MB	KINGMAX	K0EA58E4AAK-37	SS	KLBC28F-A5HE4	*	*	*
1024MB	KINGMAX	5MB22D9DCN	DS	KLBD48F-A5HE4	*	*	*

SS - Single-sided DS - Double-sided

DIMM support:

- A - Supports one module inserted into either slot in Single-channel memory configuration.
- B - Supports one pair of modules inserted into either the yellow slots or the black slots as one pair of Dual-channel memory configuration.
- C - Supports four modules inserted into both the yellow and black slots as two pairs of Dual-channel memory configuration.