

ASUS P5LD2 motherboard user guide update

This is an information update for the user guide that came with your motherboard package.

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P5LD2 specifications summary

Memory

Dual-channel memory architecture
4 x 240-pin DIMM sockets support unbuffered non-ECC
DDR2-667/DDR2-533/DDR2-400 MHz memory modules
Up to 4 GB system memory

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Qualified Vendors Lists (QVL)



Below is the updated list of qualified DDR2-667 and DDR2-533 vendors.

DDR2-667

Size	Vendor	Model	CL	Brand	Side(s)	Component	DIMM support		
							A	B	C
256 MB	SAMSUNG	M378T3253FZ0-CE6	N/A	SAMSUNG	SS	K4T56083QF-ZCE6	•	•	•
512 MB	SAMSUNG	M378T6453FZ0-CE6	N/A	SAMSUNG	DS	K4T56083QF-ZCE6	•	•	•
512 MB	Hynix	HYMP564U64AP8-Y5	N/A	Hynix	SS	HY5PS12821AFP-Y5	•	•	•
1024 MB	Hynix	HYMP512U64AP8-Y5	N/A	Hynix	DS	HY5PS12821AFP-Y5	•	•	•
1024 MB	Hynix	HYMP512U64AP8-Y4	N/A	Hynix	DS	HY5PS12821AFP-Y4	•	•	•
512 MB	Hynix	HYMP564U64AP8-Y4	3	Hynix	SS	HY5PS12821AFP-Y4	•	•	•
512 MB	MICRON	MT16HTF6464AY-667B4	5	MICRON	DS	4VB41D9CZM	•	•	•
1024 MB	MICRON	MT16HTF12864AY-667A2	5	N/A	DS	4UAIID9CWX	•	•	•
512 MB	MICRON	MT16HTF6464AY-667B3	5	MICRON	DS	4TB41D9CZM	•	•	•
512 MB	MICRON	MT8HTF6464AY-667A3	5	MICRON	SS	5EA32D9DQT	•	•	•
1024 MB	MICRON	MT16HTF12864AY-667A3	5	MICRON	DS	4ZA32D9DQT	•	•	•
256 MB	MICRON	MT8HTF3264AY-667B6	5	MICRON	SS	5FB42D9DPN	•	•	•
1024 MB	MICRON	MT16HTF12864AY-66EA3	4	MICRON	DS	5EAIIZ9FNM	•	•	•
512 MB	Infineon	HYS64T64000HU-3S-A	N/A	Infineon	SS	HYB18T512800AF3S	•	•	•
256 MB	ELPIDA	EBE25UC8ABFA-6E-E	N/A	ELPIDA	SS	E2508AB-GE-E	•	•	•
512 MB	ELPIDA	EBE51UD8AEFA-6E-E	N/A	ELPIDA	SS	E5108AE-GE-E	•	•	•

DDR2-533

Size	Vendor	Model	CL	Brand	Side(s)	Component	DIMM support		
							A	B	C
512 MB	SAMSUNG	M378T6553BG0-CD5	N/A	N/A	SS	K4T51083QB-GCD5	•	•	•
256 MB	SAMSUNG	M378T3253FG0-CD5	4	N/A	SS	K4T56083QF-GCD5	•	•	•
512 MB	SAMSUNG	M378T6453FG0-CD5	4	N/A	DS	K4T56083QF-GCD5	•	•	•
512 MB	Infineon	HYS64T64000GU-3.7-A	4	Infineon	SS	HYB18T512800AC37	•	•	•
256 MB	Infineon	HYS64T32000HU-3.7-A	4	Infineon	SS	HYB18T512160AF-3.7	•	•	•
1024MB	Infineon	HYS64T128020HU-3.7-A	4	Infineon	DS	HYB18T512800AF37	•	•	•
512 MB	Infineon	HYS64T64000HU-3.7-A	N/A	Infineon	SS	HYB18T512800AF37	•	•	•
512 MB	CORSAIR	CM2X512-4200	4	N/A	DS	N/A	•	•	•
512 MB	MICRON	MT16HTF6464AG-53EB2	4	MICRON	DS	4FBIID9BQM	•	•	•
1024MB	MICRON	MT16HTF12864AY-53EA1	4	MICRON	DS	4JAIID9CRZ	•	•	•

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DDR2-533

Size	Vendor	Model	CL	Brand	Side(s)	Component	DIMM support		
							A	B	C
256 MB	MICRON	MT8HTF3264AY-53EB3	4	MICRON	SS	4FBIIID9CHM	•	•	•
512 MB	MICRON	MT16HTF6464AY-53EB2	4	MICRON	DS	4FBIIID9CHM	•	•	•
1024MB	MICRON	MT16HTF12864AY-53EA1	4	MICRON	DS	4MAIID9CRZ	•	•	•
1024MB	Kingston	KVR533D2N4/1G	N/A	N/A	DS	E5108AB-5C-E	•	•	•
256 MB	Kingston	KVR533D2N4/256	N/A	N/A	SS	HYB18T512160AC-3.7	•	•	•
512 MB	Kingston	KVR533D2N4/512	N/A	ELPIDA	SS	E5108AB-5C-E	•	•	•
512 MB	Hynix	HYMP564U648-C4	4	N/A	SS	HY5PS12821F-C4	•	•	•
1024MB	Hynix	HYMP512U648-C4	4	N/A	DS	HY5PS12821F-C4	•	•	•
512 MB	ELPIDA	EBE51UD8ABFA-5C	N/A	ELPIDA	DS	E5108AB-5C-E	•	•	•
512 MB	ELPIDA	EBE51UD8ABFA-5C-E	N/A	ELPIDA	DS	E5108AB-5C-E	•	•	•
1024MB	ELPIDA	EBE11UD8ABFA-5C-E	N/A	ELPIDA	DS	E5108AB-5C-E	•	•	•

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2. ITE IDE connectors (40-1 pin PRI_EIDE [red], SEC_EIDE [red])

These connectors are for Ultra ATA 133/100/66 signal cables. The ITE IDE connectors support up to four IDE hard disk drives for easier data storage and data transfer.



- Make sure that you install the **ITE 8211 IDE Driver** from the support CD before using the IDE device attached to any of these connectors. See Chapter 5 for details.
- These connectors **do not** support ATAPI devices.

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Only the CPU_FAN connector supports the ASUS Q-Fan feature.

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The updated motherboard BIOS **does not** support the **AHCI Port 3 Interlock Switch** item.

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DRAM Frequency [Auto]



The [DDR2-600MHz] DRAM frequency option appears only when the system is running at FSB 800.

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The motherboard **does not** support the **Realtek HD Audio Manager Bass Management** setting.

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