

8GB Computer memory DDR3 for Asus M5A78L-M LX UDIMM





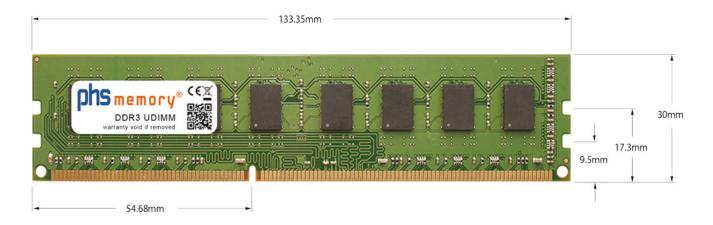
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- many years of IT competence
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- Fast delivery in throughout Europe
- Short response times and professional order processing due to full digitalization throughout the entire process with complete traceability
- Incoming goods inspection include checks of the DRAMs, PCBs and the programmed SPDs in order to exclude possible errors (Controlled BOM).
- PHS-memory® brand memories guarantee 100% compatibility to the specified system.
- PHS-memory® memories can be used together with existing memories in the device depends on to the configuration rules of the system.
- The "fallback option" in the SPD of PHS-memory® allows DRAMs with higher clock rates to be operated together with older memory modules with lower clock rates within the system.
- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel



Memory Specification



Memory technologyDDR3ECC supportnoJEDEC NormPC3-12800UDRAM Organization512Mx8Rank2Rx8TypeUDIMM (Non-ECC unbuffered)Number of pins240 Pin DIMMMemory data transfer rate1600MHz @ CL11Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyes	Memory size	8GB		
JEDEC Norm PC3-12800U DRAM Organization 512Mx8 Rank 2Rx8 Type UDIMM (Non-ECC unbuffered) Number of pins 240 Pin DIMM Memory data transfer rate 1600MHz @ CL11 Speciality - Board dimensions 133,35 x 30 (LxB mm) Operating temperature 0° C - 85° C Storage temperature -40° C - +95° C RoHS compliant yes	Memory technology	DDR3		
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Rank2Rx8TypeUDIMM (Non-ECC unbuffered)Number of pins240 Pin DIMMMemory data transfer rate1600MHz @ CL11Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyes	JEDEC Norm	PC3-12800U		
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Storage temperature -40° C - +95° C RoHS compliant yes	Board dimensions	133,35 x 30 (LxB mm)		
RoHS compliant yes	Operating temperature	0° C - 85° C		
	Storage temperature	-40° C - +95° C		
	RoHS compliant	yes		
SKU SP463168	SKU	SP463168		
EAN 4067488266713	EAN	4067488266713		

overRAMing - maximize your RAM



Most systems - including the Asus M5A78L-M LX - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality.

Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHSmemory® overRAMing memory solutions.

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Note: The module specified in this datasheet is one of several possible configurations available under this part number.

Some details may differ from the specifications described here and the illustration, but have no negative influence on the functionality.



System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	Asus
Device type	Motherboard-memory
Device family	Mainboard M
Device series	M5A Serie
Device name	M5A78L-M LX
Maximum memory*	16GB / 8GB according to manufacturer
Number of memory sockets	2

^{*} The specifications for the maximum memory upgrade may differ from those of the manufacturer Asus. Often the information given in the manual for the maximum memory upgrade is not up to date. New memory technologies, bios updates or newer software versions often allow the use of memory modules with a higher capacity than specified by the manufacturer with the same performance and stability.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

Information on memory installation

- Turn off the system
- Remove the plug of the power supply unit (if connected)
- Remove the battery, according to the user manual of the system
- Always ground yourself before touching electronic components
- Protect the memory module from static voltages:
 - Do not touch the gold pins of the memory module
 - Only touch the sides of the memory module
 - Use a grounding strap and/or ESD glove if possible

General installation instructions are supplied by E-Mail.



Further memory options for Asus M5A78L-M LX

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP128335	DDR3	UDIMM (Non- ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP463168	DDR3	UDIMM (Non- ECC unbuffered)	240 Pin DIMM	PHS-memory®	

PHS-memory® warranty

Every PHS-memory® is equipped with a 5-years-warranty of perfect operation. If the RAM module is defective or fails within 5 years of purchase when used properly, you will receive an appropriate RAM module free of charge. If a suitable memory module is no longer available, we will refund the purchase price.





Contact Information

PHS-electronic gmbh
- www.phs-memory.com Karl-Götz-Str. 5
97424 Schweinfurt
Germany

Phone: +49 9721 784678 E-Mail: info@phs-memory.com Web: www.phs-memory.com

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