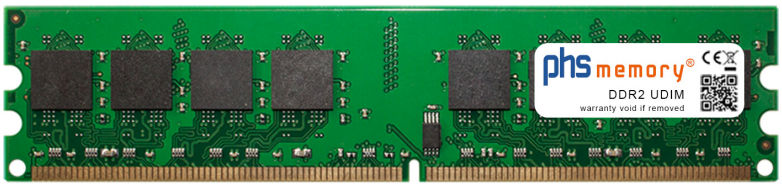
2GB Computer memory DDR2 for Gigabyte GA-MA78GM-US2H (rev. 1.0) UDIMM



phs memory®

22,27 EUR
plus VAT
26,50 EUR
incl. VAT

in magazzino
https://www.phs-memory.it
Version: 30.08.2025 06:25

Your benefits

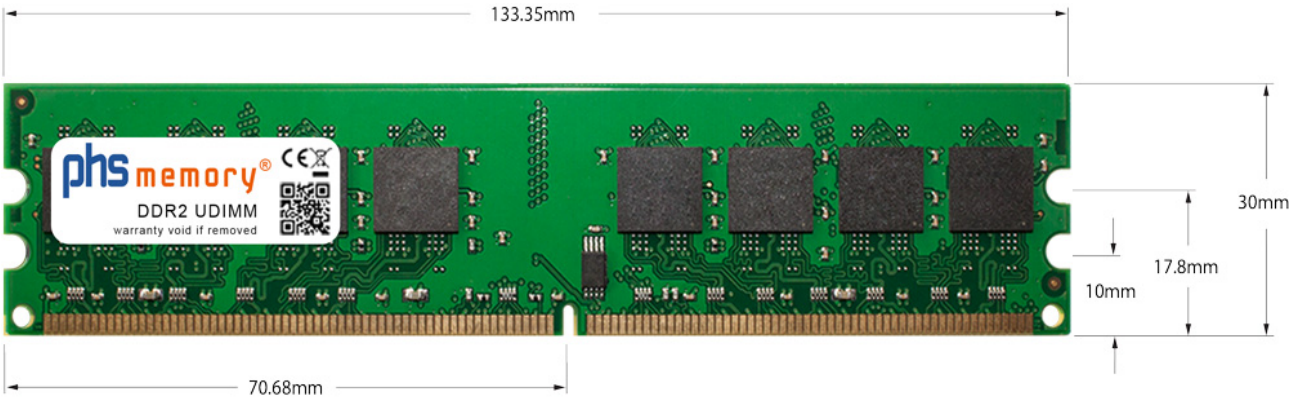
- verified quality memory
- 5 years warranty
  Warranty details see last page
- 100% compatible
- free support on our hotline
- fast delivery

PHS-memory® - computer memory with 100% quality

- many years of IT competence
- Free support for optimal configuration and product selection
- High availability through professional warehouse management
- 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

Copyright: PHS-electronic gmbh 2025

Memory Specification



Memory size	2GB
Memory technology	DDR2
ECC support	no
JEDEC Norm	PC2-6400U
DRAM Organization	128Mx8
Rank	2Rx8
Type	UDIMM (Non-ECC unbuffered)
Number of pins	240 Pin DIMM
Memory data transfer rate	800MHz @ CL6
Voltage	1,8 Volt
Speciality	-
Board dimensions	133,35 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP176852
EAN	4055069461626

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.

Copyright: PHS-electronic gmbh 2025

System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	Gigabyte
Device type	Motherboard-memory
Device family	Mainboard GA-M...
Device series	GA-MA7 Serie
Device name	GA-MA78GM-US2H (rev. 1.0)
Maximum memory*	16GB
Number of memory sockets	4

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Gigabyte. 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.

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.

Copyright: PHS-electronic gmbh 2025

Further memory options for Gigabyte GA-MA78GM-US2H (rev. 1.0)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
2GB	SP176852	DDR2	UDIMM (Non-ECC unbuffered)	240 Pin DIMM	PHS-memory®	
4GB	SP176853	DDR2	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.
For more information on warranty and service please visit https://www.phs-memory.it/-W5Y

5 Jahre Garantie

Contact Information

PHS-electronic gmbh
- www.phs-memory.it -
Karl-Götz-Str. 5
97424 Schweinfurt
Germania

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

All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.it

Copyright: PHS-electronic gmbh 2025