

16GB Computer memory DDR3 for Lenovo IdeaPad G50-45 (80E3) (AMD A series - E series) SO DIMM



phs memory®

111,76 EUR

plus VAT

133,00 EUR

incl. VAT

en stock

<https://www.phs-memory.fr>

Version: 28.07.2025 15:37

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

Memory Specification



Memory size	16GB
Memory technology	DDR3
ECC support	no
JEDEC Norm	PC3L-12800S
DRAM Organization	1Gx8
Rank	2Rx8
Type	SO DIMM
Number of pins	204 Pin DIMM
Memory data transfer rate	1600MHz @ CL11
Voltage	1,35 Volt
Speciality	-
Board dimensions	67,6 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP358741
EAN	4064578212957

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 system:

System manufacturer	Lenovo
Device type	Laptop
Device family	IdeaPad
Device series	G50 Serie
Device name	IdeaPad G50-45 (80E3) (AMD A Serie - E Serie)
Standard memory	16GB
Maximum memory*	32GB
Number of memory sockets	2
Annotation	Attention: IdeaPad G50-45 models differ in their features: Models with Celeron N2830, Celeron N3530: 1 memory slot / max. 8GB Models with Celeron 3205U, Celeron 2957U, i3-4030U, i5-4210U, i7-4510U: 2 memory slots / max. 16 GB Models with i3-5005U, i3-5010U, i5-5200U, i7-5500U: 2 memory slots / max. 32GB Modelle with AMD CPUs: 2 Speicherlots / max. 32GB

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

Which memory configuration is possible?

IdeaPad G50-45 Modelle unterscheiden sich in der Ausstattung.

Modelle with Celeron N2830 and Celeron N3530 CPU haben einen memory Slot and können auf max auf 8GB aufgerüstet werden. Die passenden 4GB and 8GB Memory finden Sie unter dem Artikel: IdeaPad G50-45 (80E3) (N2830/N3530)

Modelle with Celeron 3205U, Celeron 2957U, i3-4030U, i5-4210U and i7-4510U CPU haben zwei memory memory slots and können auf max. 16GB aufgerüstet werden. Die passenden 4GB and 8GB Memory finden Sie unter dem Artikel: IdeaPad G50-45 (80E3) (i3/i5/i7 4th Gen)

Modelle with i3-5005U, i3-5010U, i5-5200U and i7-5500U haben zwei memory memory slots and können auf max. 32GB aufgerüstet werden. Die passenden 4GB, 8GB and 16GB Memory finden Sie unter dem Artikel: IdeaPad G50-45 (80E3) (i3/i5/i7 5th Gen)

Modelle with AMD CPUs haben zwei memory memory slots and können auf max. 32GB aufgerüstet werden. Die passenden 4GB, 8GB and 16GB Memory finden Sie unter dem Artikel: IdeaPad G50-45 (80E3) (AMD A series - E series)

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 Lenovo IdeaPad G50-45 (80E3) (AMD A Serie - E Serie)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP358742	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	0B47380
8GB	SP358743	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	0B47381
16GB	SP358741	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	4X70J32868

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.fr/-W5Y>



**5 Jahre
Garantie**

Contact Information

PHS-electronic gmbh
- www.phs-memory.fr -
Karl-Götz-Str. 5
97424 Schweinfurt
Allemagne

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

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