

16GB Computer memory DDR4 for Lenovo ThinkPad P50 (20EQ) (Xeon Prozessor) SO DIMM ECC



phs memory®

74,37 EUR

plus VAT

88,50 EUR

incl. VAT

immediately available

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

Version: 14.08.2025 00:42

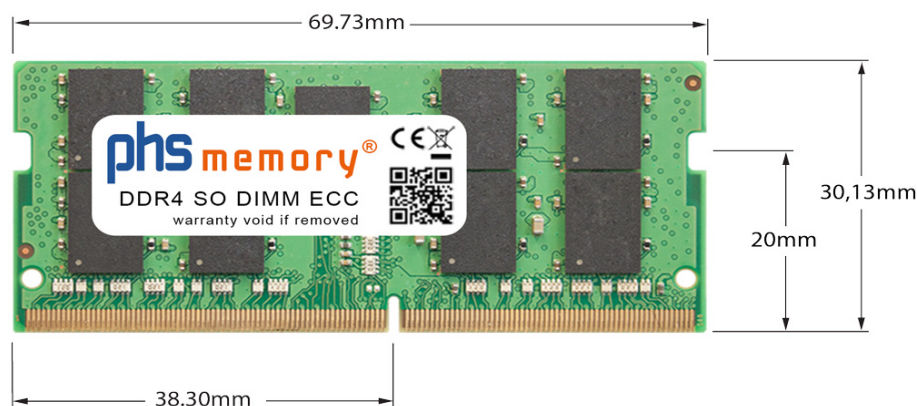
Your benefits

- ✓ 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	DDR4
ECC support	ja
JEDEC Norm	PC4-21300E
DRAM Organization	1Gx8
Rank	2Rx8
Type	SO DIMM ECC
Number of pins	260 Pin DIMM
Memory data transfer rate	2666MHz @ CL19
Voltage	1,2 Volt
Speciality	-
Board dimensions	69,73 x 30,13 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP231519
EAN	4055069992533

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	ThinkPad
Device series	P50 Serie
Device name	ThinkPad P50 (20EQ) (Xeon Prozessor)
Standard memory	32GB
Maximum memory*	128GB
Number of memory sockets	4
Annotation	Achtung: Alle ThinkPad P50 (20EQ) Modelle, die einen Xeon Prozessor verbaut haben, unterstützen DDR4 SO-DIMM non-ECC and DDR4 SO-DIMM ECC. Eine Mischbestückung with DDR4 SO-DIMM ECC and DDR4 SO-DIMM non-ECC ist nicht möglich. Alle Geräte with einem i7 Prozessor, können nur with DDR4 SO-DIMM non-ECC aufgerüstet werden. suitable for the following models: 20EQ000M..., 20EQ002M..., 20EQ002N..., etc.

* 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

The right memory for your Thinkpad P50

Es gibt viele verschiedene Modelle in der ThinkPad P50 laptop series.

Die Geräte unterscheiden sich in der Speicherausstattung and auch in der verwendeten Speichertechnologie. Deshalb ist es wichtig, dass Sie die Modellnummer auf dem Typenschild auf der Unterseite des laptop kontrollieren. Achten Sie bitte darauf, dass Sie den Computer memory bestellen, der zu Ihrem Modell des ThinkPad P50 angegeben wird. Wenn Sie Ihre Modellnummernicht finden, schicken Sie uns bitte eine Anfrage with der Modellnummer Ihres ThinkPad P50.

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 ThinkPad P50 (20EQ) (Xeon Prozessor)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP231517	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	4X70J67434
8GB	SP231520	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	4X70J67437
8GB	SP231518	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	4X70J67435
16GB	SP231519	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	4X70J67438
16GB	SP231516	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	4X70J67436
32GB	SP465883	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
32GB	SP317051	DDR4	SO DIMM	260 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.com/-W5Y>



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

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