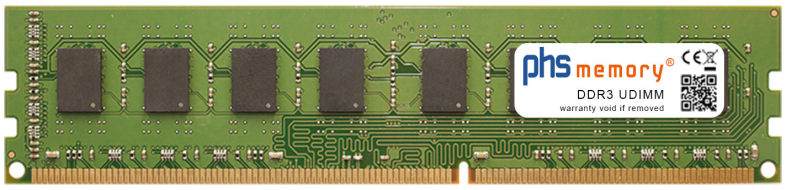
# 8GB Computer memory DDR3 for Asus Z87-EXPERT UDIMM




**25,80 EUR**
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incl. VAT

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## 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).
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- Products with unique serial number for service and warranty
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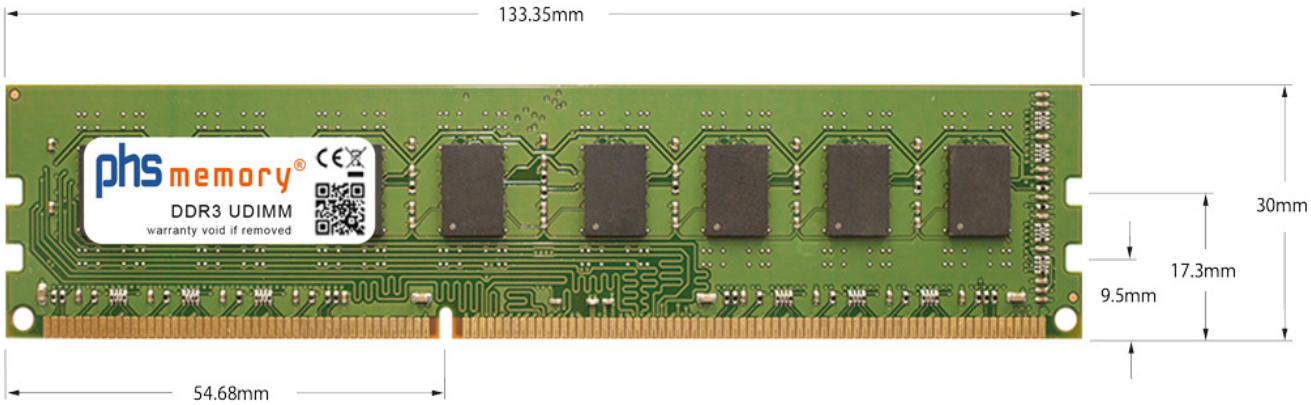
## Memory Specification




| | |
|---|---|
| **Memory size** | 8GB |
| **Memory technology** | DDR3 |
| **ECC support** | no |
| **JEDEC Norm** | PC3-10600U |
| **DRAM Organization** | 512Mx8 |
| **Rank** | 2Rx8 |
| **Type** | UDIMM (Non-ECC unbuffered) |
| **Number of pins** | 240 Pin DIMM |
| **Memory data transfer rate** | 1333MHz @ CL9 |
| **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** | SP162815 |
| **EAN** | 4055069338126 |

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.

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# System Specifications

The memory is 100% compatible with this sytem:

| | |
|---|---|
| **System manufacturer** | Asus |
| **Device type** | Motherboard-memory |
| **Device family** | Mainboard Z... |
| **Device series** | Z87 Serie |
| **Device name** | Z87-EXPERT |
| **Maximum memory*** | 32GB |
| **Number of memory sockets** | 4 |

* 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.

# Information on memory allocation

## Help in choosing the right RAM:

Wir bieten Ihnen die schnelleren 1600MHz Computer memory for Ihr System an.
Durch die Abwärtskompatibilität unserer Computer memory auf 1333MHz, können Sie die diese auch with bereits vorhandenen 1333MHz memoryn gemischt betreiben.

Main memories with ECC offer higher security through error detection and error correction. The ECC function is supported if ALL existing memories are equipped with ECC. You should use the UDIMM ECC memory if existing memories are equipped with ECC.

Der Einsatz verschiedener Ram Größen in den Steckplätzen ist möglich.
Der Dual Channel Mode wird auch hierbei durch die Intel Flex Memory Technology supports.

Bei verschiedenen Computer memory capacityen müssen Sie darauf achten, dass die memory in memorykanal A größer sind als die Computer memory in memorykanal B.

# 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.

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## Further memory options for Asus Z87-EXPERT

| Size | SKU | Technology | Type | Number of pins | Brand | Reference no. |
|---|---|---|---|---|---|---|
| 4GB | SP162814 | DDR3 | UDIMM (Non-ECC unbuffered) | 240 Pin DIMM | PHS-memory® | |
| 8GB | SP162815 | 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.
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

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