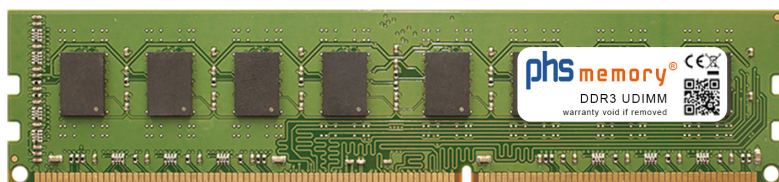


## 4GB Computer memory DDR3 for Asus GRYPHON Z97 UDIMM



**phs** memory®

**21,34 EUR**

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immediately available

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- ✓ 5 years warranty  
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- many years of IT competence
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## Memory Specification



|                           |                            |
|---------------------------|----------------------------|
| Memory size               | 4GB                        |
| Memory technology         | DDR3                       |
| ECC support               | no                         |
| JEDEC Norm                | PC3-10600U                 |
| 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                       | SP158999                   |
| EAN                       | 4055069306828              |

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:

|                                 |                    |
|---------------------------------|--------------------|
| <b>System manufacturer</b>      | Asus               |
| <b>Device type</b>              | Motherboard-memory |
| <b>Device family</b>            | Gryphon            |
| <b>Device series</b>            | Z97 Serie          |
| <b>Device name</b>              | GRYPHON Z97        |
| <b>Maximum memory*</b>          | 32GB               |
| <b>Number of memory sockets</b> | 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.

## Further memory options for Asus GRYPHON Z97

| Size | SKU      | Technology | Type                       | Number of pins | Brand       | Reference no. |
|------|----------|------------|----------------------------|----------------|-------------|---------------|
| 4GB  | SP158999 | DDR3       | UDIMM (Non-ECC unbuffered) | 240 Pin DIMM   | PHS-memory® |               |
| 8GB  | SP159000 | 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>



**5 Jahre  
Garantie**

## Contact Information

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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>