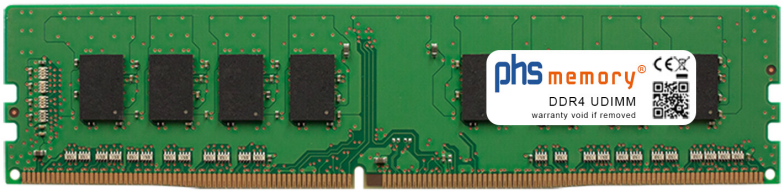
# 4GB Computer memory DDR4 for ASRock Z170M OC Formula UDIMM

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- verified quality memory
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  Warranty details see last page
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- free support on our hotline
- fast delivery

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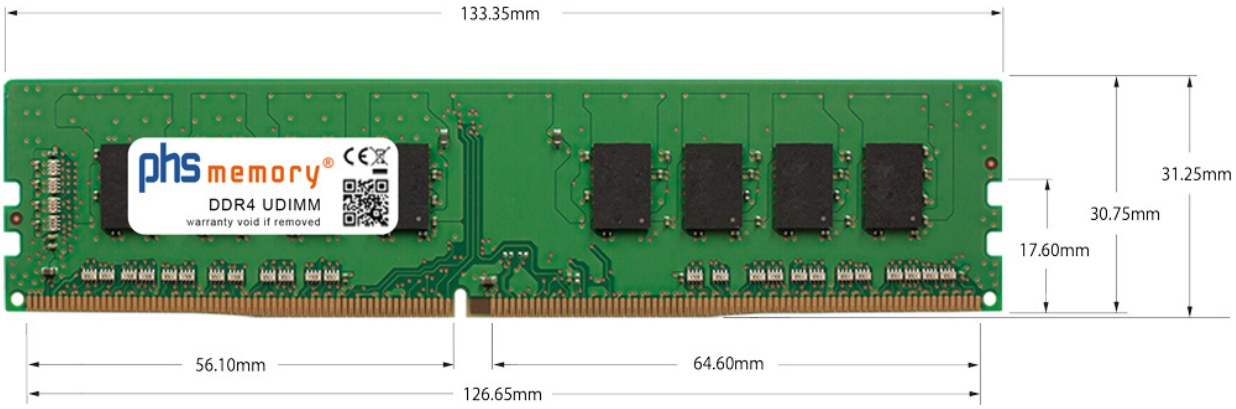
## Memory Specification




| | |
|---|---|
| **Memory size** | 4GB |
| **Memory technology** | DDR4 |
| **ECC support** | no |
| **JEDEC Norm** | PC4-2133P-U |
| **Type** | UDIMM (Non-ECC unbuffered) |
| **Number of pins** | 288 Pin DIMM |
| **Memory data transfer rate** | 2133MHz @ CL15 |
| **Voltage** | 1,2 Volt |
| **Speciality** | - |
| **Board dimensions** | 133,35 x 31,25 (LxB mm) |
| **Operating temperature** | 0° C - 85° C |
| **Storage temperature** | -40° C - +95° C |
| **RoHS compliant** | Yes |
| **SKU** | SP158400 |
| **EAN** | 4055069301441 |

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** | ASRock |
| **Device type** | Motherboard-memory |
| **Device family** | Mainboard Z... |
| **Device series** | Z170 Serie |
| **Device name** | Z170M OC Formula |
| **Maximum memory*** | 64GB |
| **Number of memory sockets** | 2 |

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

### Information on memory configuration

The following technical specifications should be considered in advance:

- A higher memory clock of the memory module automatically adapts to the memory clock specified by the system. This can be the case especially with larger capacities.
- Im Gerät können non ECC or ECC (Error-Correction-Code) RAM-memory installiert werden. Memory with der Description ECC besitzen eine Fehlerkorrektur.
- Non ECC memory modules cannot be used together with ECC memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (non ECC / ECC) is already existing in the system.
- If memory modules are provided with higher speeds than specified by the system, the memory speed is automatically adjusted to the system specifications.

## 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 ASRock Z170M OC Formula

| Size | SKU | Technology | Type | Number of pins | Brand | Reference no. |
|---|---|---|---|---|---|---|
| 4GB | SP158400 | DDR4 | UDIMM (Non-ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 8GB | SP158401 | DDR4 | UDIMM (Non-ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 8GB | SP158398 | DDR4 | UDIMM ECC (ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 16GB | SP158399 | DDR4 | UDIMM (Non-ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 16GB | SP158397 | DDR4 | UDIMM ECC (ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 32GB | SP304620 | DDR4 | UDIMM (Non-ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 32GB | SP419656 | DDR4 | UDIMM ECC (ECC unbuffered) | 288 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.fr/-W5Y

5 Jahre Garantie

## Contact Information

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