

# 8GB Computer memory DDR4 for ASRock Fatal1ty Z170 Gaming K4/D3 UDIMM ECC





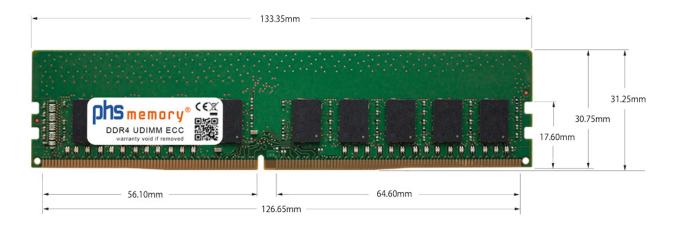


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## Memory Specification



Memory size	8GB	
Memory technology	DDR4	
ECC support	ja	
JEDEC Norm	PC4-2133P-E	
Туре	UDIMM ECC (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	SP158478	
EAN	4055069302226	

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 sytem:

System manufacturer	ASRock		
Device type	Motherboard-memory		
Device family	Mainboard Z		
Device series	Z170 Serie		
Device name	Fatal1ty Z170 Gaming K4/D3		
Maximum memory*	128GB		
Number of memory sockets	4		

<sup>\*</sup>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

### What should be considered when upgrading RAM?

- Der Einsatz verschiedener Ram Größen in den memory slotsn ist möglich
- Der schnelle Dual Channel Mode Betrieb wird bei der paarweisen Installation der memory optimal supports
- When mixing different memory sizes, the Dual Channel Mode is activated in some areas
- If e.g. 4GB and 8GB were assembled, the Intel Flex technology would activate Dual Channel operation on the first 8GB.

#### 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 ASRock Fatal1ty Z170 Gaming K4/D3

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP158480	DDR4	UDIMM (Non- ECC unbuffered)	288 Pin DIMM	PHS-memory®	
8GB	SP158481	DDR4	UDIMM (Non- ECC unbuffered)	288 Pin DIMM	PHS-memory®	
8GB	SP158478	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	
16GB	SP158479	DDR4	UDIMM (Non- ECC unbuffered)	288 Pin DIMM	PHS-memory®	
16GB	SP158477	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	
32GB	SP304546	DDR4	UDIMM (Non- ECC unbuffered)	288 Pin DIMM	PHS-memory®	
32GB	SP419611	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.





#### Contact Information

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#### Product Datasheet | SP158478 8GB Computer memory for Fatal1ty Z170 Gaming K4/D3



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