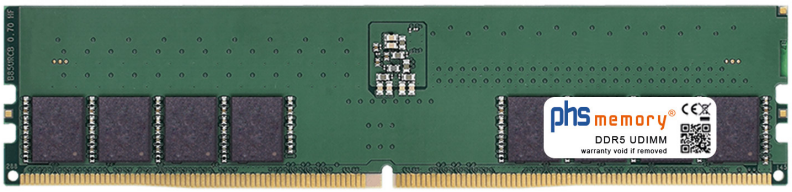
16GB Computer memory DDR5 for ASRock B850 Pro RS UDIMM



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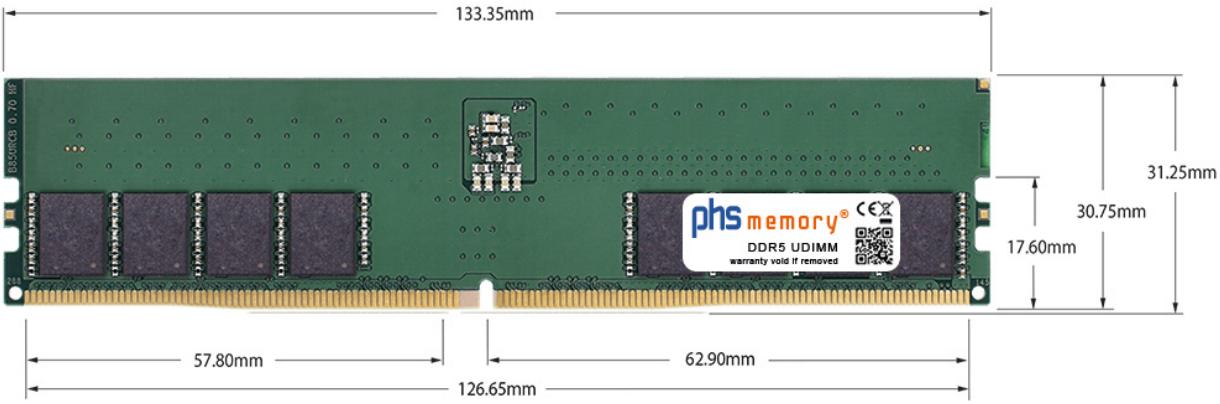
Memory Specification



Memory size	16GB
Memory technology	DDR5
ECC support	no
JEDEC Norm	PC5-44800-U
Type	UDIMM (Non-ECC unbuffered)
Number of pins	288 Pin DIMM
Memory data transfer rate	5600MHz
Voltage	1,1 Volt
Speciality	-
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP571144
EAN	4069169418596

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 B...
Device series	B850 Serie
Device name	B850 Pro RS
Maximum memory*	256GB
Number of memory sockets	4

* 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 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 B850 Pro RS

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP571143	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
16GB	SP571144	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
24GB	SP571145	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
32GB	SP571146	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
48GB	SP571147	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
64GB	SP583710	DDR5	UDIMM (Non-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.
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