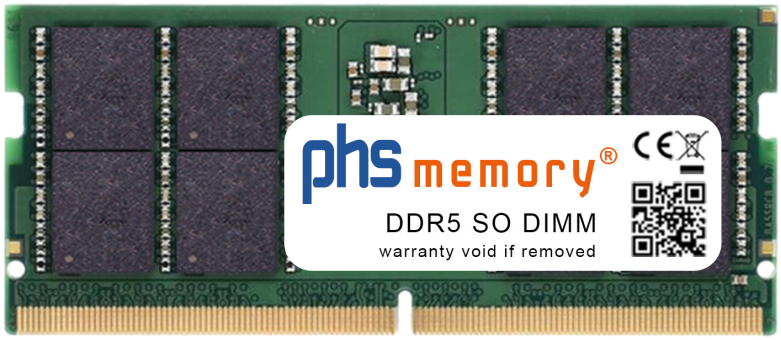
16GB Computer memory DDR5
for Gigabyte AERO X16 1VH93ESC94AH SO DIMM



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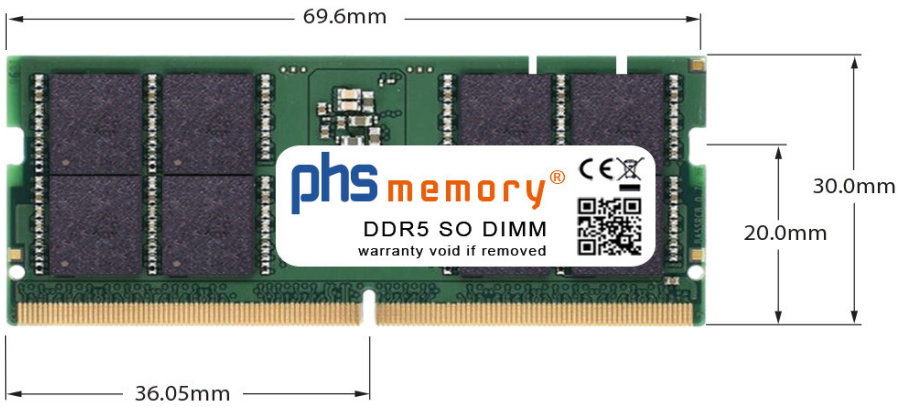
Memory Specification



Memory size	16GB
Memory technology	DDR5
ECC support	no
JEDEC Norm	PC5-44800-S
Type	SO DIMM
Number of pins	262 Pin SO 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	SP586489
EAN	4069169577231

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	Gigabyte
Device type	Laptop
Device family	AERO
Device series	X16 Serie
Device name	AERO X16 1VH93ESC94AH
Standard memory	16GB (1x16GB)
Maximum memory*	128GB / 64GB according to manufacturer
Number of memory sockets	2

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Gigabyte. 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 Gigabyte AERO X16 1VH93ESC94AH

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
16GB	SP586489	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
24GB	SP586490	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
32GB	SP586491	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
48GB	SP586492	DDR5	SO DIMM	262 Pin SO 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

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