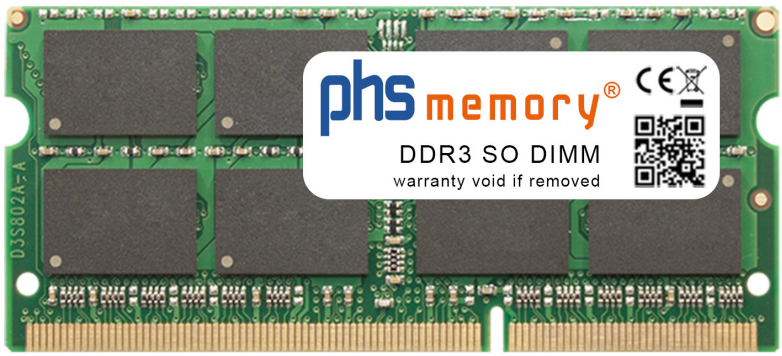
16GB Computer memory DDR3 for Acer Aspire 3 A315-51-3140 SO DIMM



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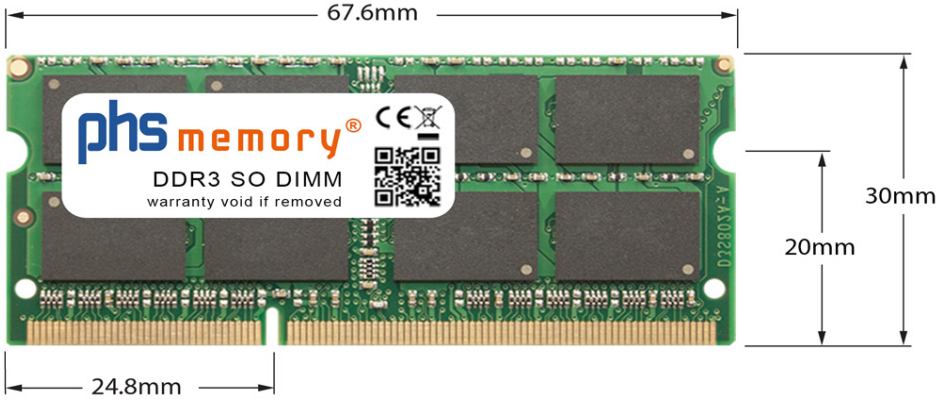
Memory Specification



Memory size	16GB
Memory technology	DDR3
ECC support	no
JEDEC Norm	PC3L-12800S
DRAM Organization	1Gx8
Rank	2Rx8
Type	SO DIMM
Number of pins	204 Pin DIMM
Memory data transfer rate	1600MHz @ CL11
Voltage	1,35 Volt
Speciality	-
Board dimensions	67,6 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	yes
SKU	SP251254
EAN	4063369194878

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	Acer
Device type	Laptop
Device family	Aspire 3
Device series	A315-51 Serie
Device name	Aspire 3 A315-51-3140
Standard memory	4GB non removable
Maximum memory*	36GB / 20GB according to manufacturer
Number of memory sockets	1

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Acer. 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 Acer Aspire 3 A315-51-3140

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP255435	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
8GB	SP466663	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
8GB	SP251255	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	LC.NB36L.8GB
16GB	SP466664	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
16GB	SP251254	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	
32GB	SP466665	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	

PHS-memory® warranty

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