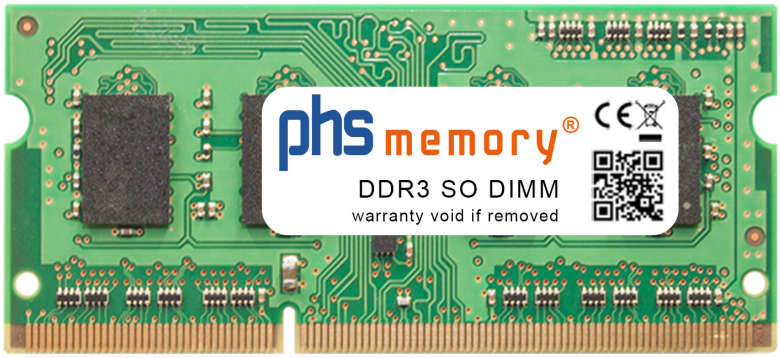
2GB Computer memory DDR3 for Avalue EMS-BYT-PoE SO DIMM



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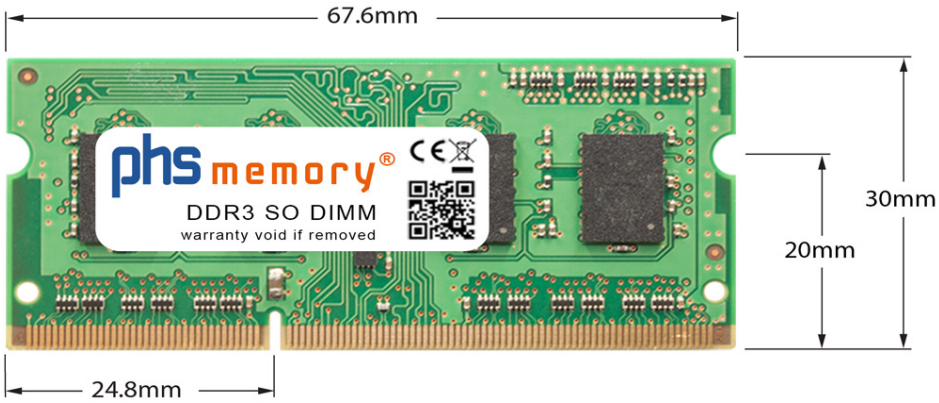
Memory Specification



Memory size	2GB
Memory technology	DDR3
ECC support	no
JEDEC Norm	PC3L-10600S
DRAM Organization	256Mx8
Rank	1Rx8
Type	SO DIMM
Number of pins	204 Pin DIMM
Memory data transfer rate	1333MHz @ CL9
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	SP272990
EAN	4063369421035

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	Avalue
Device type	Desktop
Device family	Rugged Fanless System
Device series	EMS-B Serie
Device name	EMS-BYT-PoE
Maximum memory*	16GB / 8GB according to manufacturer
Number of memory sockets	1

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Avalue. 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 Avalue EMS-BYT-PoE

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
2GB	SP272990	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	
4GB	SP272991	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	
8GB	SP272992	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	
16GB	SP467888	DDR3	SO DIMM	204 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.com/-W5Y

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