# phs memory®

# 32GB Computer memory DDR4 for Acer Swift 3 SF314-54-312Z SO DIMM

<b>phs</b> memory®
<ul> <li>r5,04 EUR pus VAT 89,30 EUR incl. VAT</li> <li>immediately available https://www.phs-memory.com Version: 24.07.2025 12:48</li> <li>verified quality memory Version: 24.07.2025 12:48</li> <li>verified quality memory varranty details see last page</li> <li>S years warranty warranty details see last page</li> <li>100% compatible</li> <li>free support on our hotline</li> <li>fast delivery</li> </ul>

#### PHS-memory® - computer memory with 100% quality

- many years of IT competence
- Free support for optimal configuration and product selection
- High availability through professional warehouse management
- Fast delivery in throughout Europe
- Short response times and professional order processing due to full digitalization throughout the entire process with complete traceability
- Incoming goods inspection include checks of the DRAMs, PCBs and the programmed SPDs in order to exclude possible errors (Controlled BOM).
- PHS-memory® brand memories guarantee 100% compatibility to the specified system.
- PHS-memory® memories can be used together with existing memories in the device depends on to the configuration rules of the system.
- The "fallback option" in the SPD of PHS-memory® allows DRAMs with higher clock rates to be operated together with older memory modules with lower clock rates within the system.
- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel



## Memory Specification



Memory size	32GB
Memory technology	DDR4
ECC support	ΝΟ
JEDEC Norm	PC4-2400T-S
DRAM Organization	2Gx8
Rank	2Rx8
Туре	SO DIMM
Number of pins	260 Pin DIMM
Memory data transfer rate	2400MHz @ CL17
Voltage	1,2 Volt
Speciality	-
Board dimensions	69,73 x 30,13 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	yes
SKU	SP302582
EAN	4063369657410

#### overRAMing maximize your RAM



Most systems - including the Acer Swift 3 SF314-54-312Z - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality.

Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHSmemory® overRAMing memory solutions.

https://www.phs-memory.com/-BOR

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	Асег
Device type	Laptop
Device family	Swift 3
Device series	SF314-54 Serie
Device name	Swift 3 SF314-54-312Z
Standard memory	4GB non removable
Maximum memory*	36GB / 12GB 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.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

#### 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 Acer Swift 3 SF314-54-312Z

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP302583	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	LC.NB424.4GB
8GB	SP302584	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	LC.NB424.8GB
16GB	SP302581	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
32GB	SP302582	DDR4	SO DIMM	260 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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## Contact Information

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