

# 16GB Computer memory DDR4 for Acer TravelMate P4 P414-53-TCO-58XM SO DIMM





# Your benefits ✓ verified quality memory ✓ 5 years warranty Warranty details see last page ✓ 100% compatible ✓ free support on our hotline ✓ fast delivery

#### 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 technologyDDR4ECC supportnoJEDEC NormPC4-25600-STypeSO DIMMNumber of pins260 Pin DIMMMemory data transfer rate3200MHz @ CL22Voltage1,2 VoltSpeciality-Board dimensions69,73 x 30,13 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° C	Memory size	16GB
JEDEC Norm PC4-25600-S  Type SO DIMM Number of pins 260 Pin DIMM Memory data transfer rate 3200MHz @ CL22  Voltage 1,2 Volt Speciality - Board dimensions 69,73 x 30,13 (LxB mm) Operating temperature 0° C - 85° C	Memory technology	DDR4
Type SO DIMM  Number of pins 260 Pin DIMM  Memory data transfer rate 3200MHz @ CL22  Voltage 1,2 Volt  Speciality -  Board dimensions 69,73 x 30,13 (LxB mm)  Operating temperature 0° C - 85° C	ECC support	no
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	Board dimensions	69,73 x 30,13 (LxB mm)
Storage temperature $-40^{\circ}\text{C} - +95^{\circ}\text{C}$	Operating temperature	0° C - 85° C
	Storage temperature	-40° C - +95° C
RoHS compliant yes	RoHS compliant	yes
<b>SKU</b> SP549300	SKU	SP549300
<b>EAN</b> 4069169178452	EAN	4069169178452
<b>EAN</b> 4069169178452	EAN	4069169178452

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	Acer
Device type	Laptop
Device family	TravelMate P4
Device series	P414-53 Serie
Device name	TravelMate P4 P414-53-TCO-58XM
Standard memory	16GB
Maximum memory*	64GB
Number of memory sockets	2

<sup>\*</sup>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.



# Further memory options for Acer TravelMate P4 P414-53-TCO-58XM

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
16GB	SP549300	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
32GB	SP549301	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.





#### Contact Information

PHS-electronic gmbh - www.phs-memory.it - Karl-Götz-Str. 5 97424 Schweinfurt Germania

Phone: +49 9721 784678 E-Mail: info@phs-memory.it Web: www.phs-memory.it

All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.it