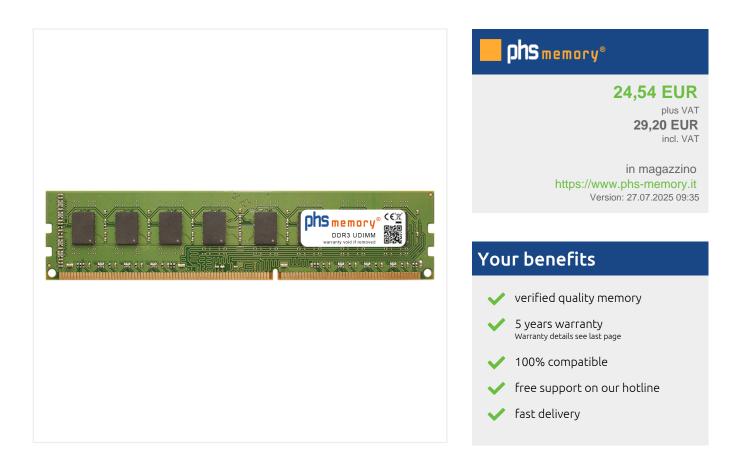
# phs memory®

# 8GB Computer memory DDR3 for Asus ROG TYTAN G30AB-SP009S UDIMM



#### 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

▪ 133.35mm		
DDR3 UDIMM waranty void if removed	9.5mm	30mm /.3mm

Memory technologyDDR3ECC supportnoJEDEC NormPC3-10600UDRAM Organization\$12Mx8Rank2Rx8TypeUDIMM (Non-ECC unbuffered)Number of pins240 Pin DIMMMemory data transfer rate1333MHz @ CL9Speciality-Board dimensions0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP224501	Memory size	8GB		
JEDEC NormPC3-10600UDRAM Organization512Mx8Rank2Rx8TypeUDIMM (Non-ECC unbuffered)Number of pins240 Pin DIMMMemory data transfer rate1333MHz @ CL9Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Memory technology	DDR3		
DRAM Organization512Mx8Rank2Rx8TypeUDIMM (Non-ECC unbuffered)Number of pins240 Pin DIMMMemory data transfer rate1333MHz @ CL9Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	ECC support	ΠΟ		
Rank2Rx8TypeUDIMM (Non-ECC unbuffered)Number of pins240 Pin DIMMMemory data transfer rate1333MHz @ CL9Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	JEDEC Norm	PC3-10600U		
TypeUDIMM (Non-ECC unbuffered)Number of pins240 Pin DIMMMemory data transfer rate1333MHz @ CL9Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	DRAM Organization	512Mx8		
Number of pins240 Pin DIMMMemory data transfer rate1333MHz @ CL9Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Rank	2Rx8		
Memory data transfer rate1333MHz @ CL9Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Туре	UDIMM (Non-ECC unbuffered)		
Speciality-Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Number of pins	240 Pin DIMM		
Board dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Memory data transfer rate	1333MHz @ CL9		
Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Speciality	-		
Storage temperature-40° C - +95° CRoHS compliantYes	Board dimensions	133,35 x 30 (LxB mm)		
RoHS compliant Yes	Operating temperature	0° C - 85° C		
	Storage temperature	-40° C - +95° C		
<b>SKU</b> SP224501	RoHS compliant	Yes		
	SKU	SP224501		
<b>EAN</b> 4055069924411	EAN	4055069924411		
	RoHS compliant SKU	Yes SP224501		

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	Asus
Device type	Desktop
Device family	ROG TYTAN
Device series	G30AB Serie
Device name	ROG TYTAN G30AB-SP009S
Standard memory	12GB
Maximum memory*	32GB
Number of memory sockets	4

\* The specifications for the maximum memory upgrade may differ from those of the manufacturer Asus. 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 Asus ROG TYTAN G30AB-SP009S

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP224500	DDR3	UDIMM (Non- ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP224501	DDR3	UDIMM (Non- ECC unbuffered)	240 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.it/-W5Y



### Contact Information

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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