

# 32GB Computer memory DDR5 for Asus TUF Gaming B650M-PLUS UDIMM ECC





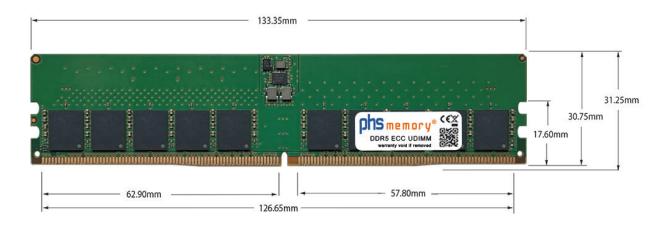


#### PHS-memory® - computer memory with 100% quality

- 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	DDR5
ECC support	ja
JEDEC Norm	PC5-44800-E
Туре	UDIMM ECC (ECC unbuffered)
Number of pins	288 Pin DIMM
Memory data transfer rate	5600MHz
Voltage	1,1 Volt
Speciality	-
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP447249
EAN	4067488121104

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:

Asus
Motherboard-memory
TUF Gaming
B650M Serie
TUF Gaming B650M-PLUS
192GB / 128GB according to manufacturer
4

<sup>\*</sup> 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.



#### Further memory options for Asus TUF Gaming B650M-PLUS

8GB SP447253 DDR5 UDIMM (Non- ECC unbuffered) 288 Pin DIMM PHS-memory®  16GB SP447248 DDR5 UDIMM ECC 288 Pin DIMM PHS-memory®	
· ·	
(ECC unbuffered)	
16GB SP447251 DDR5 UDIMM (Non- 288 Pin DIMM PHS-memory® ECC unbuffered)	
24GB SP482122 DDR5 UDIMM (Non- 288 Pin DIMM PHS-memory® ECC unbuffered)	
32GB SP447249 DDR5 UDIMM ECC 288 Pin DIMM PHS-memory® (ECC unbuffered)	
32GB SP447252 DDR5 UDIMM (Non- 288 Pin DIMM PHS-memory® ECC unbuffered)	
48GB SP482123 DDR5 UDIMM (Non- 288 Pin DIMM PHS-memory® ECC unbuffered)	
48GB SP565726 DDR5 UDIMM ECC 288 Pin DIMM PHS-memory® (ECC unbuffered)	

### 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 <a href="https://www.phs-memory.es/-W5Y">https://www.phs-memory.es/-W5Y</a>



#### Contact Information

PHS-electronic gmbh - www.phs-memory.es -Karl-Götz-Str. 5 97424 Schweinfurt Alemania Phone: +49 9721 784678 E-Mail: info@phs-memory.es Web: www.phs-memory.es

# Product Datasheet | SP447249 32GB Computer memory for TUF Gaming B650M-PLUS



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