# phs memory®

# 32GB Computer memory DDR5 for Asus ROG Strix B650E-F GAMING WIFI UDIMM ECC

|                                 | <b>phs</b> memory <sup>®</sup>                                     |
|---------------------------------|--|
|                                 | <b>221,18 EUR</b><br>plus VAT<br><b>263,20 EUR</b><br>incl. VAT    |
|                                 | en stock<br>https://www.phs-memory.es<br>Version: 06.08.2025 15:40 |
| Drs ECC UDIM warmy red if month | Your benefits  |
|                                 | verified quality memory  |
|                                 | 5 years warranty<br>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

|           | 133.35mm     |   |                               |
|-----------|--------------|---|-------------------------------|
|           |              | DRS ECC UDIMM<br>Werrenty void if removed | 31.25mm<br>30.75mm<br>17.60mm |
| ← 62.90mm | <br>126.65mm | 57.80mm                                   |                               |

| Memory size               | 32GB                       |
|---------------------------|----------------------------|
| Memory technology         | DDR5                       |
| ECC support               | ja                         |
| JEDEC Norm                | РС5-44800-Е                |
| 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                       | SP447231                   |
| EAN                       | 4067488121081              |
|                           |                            |

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              | Motherboard-memory                      |
| Device family            | ROG Strix Mainboard                     |
| Device series            | B650E Serie                             |
| Device name              | ROG Strix B650E-F GAMING WIFI           |
| Maximum memory*          | 192GB / 128GB according to manufacturer |
| 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.



### Further memory options for Asus ROG Strix B650E-F GAMING WIFI

| 8GBSP447235DDR5UDIMM (Non-<br>ECC<br>unbuffered)288 Pin DIMMPHS-memory®16GBSP447233DDR5UDIMM (Non-<br>ECC<br>unbuffered)288 Pin DIMMPHS-memory®16GBSP447230DDR5UDIMM ECC<br>(FCC288 Pin DIMMPHS-memory® |  |
|---|--|
| ECC<br>unbuffered)<br>16GB SP447230 DDR5 UDIMM ECC 288 Pin DIMM PHS-memory®   |  |
|   |  |
| (ECC<br>unbuffered)   |  |
| 24GB SP482114 DDR5 UDIMM (Non- 288 Pin DIMM PHS-memory®<br>ECC<br>unbuffered)   |  |
| 32GB SP447234 DDR5 UDIMM (Non- 288 Pin DIMM PHS-memory®<br>ECC<br>unbuffered)   |  |
| 32GB SP447231 DDR5 UDIMM ECC 288 Pin DIMM PHS-memory®<br>(ECC<br>unbuffered)  |  |
| 48GB SP482115 DDR5 UDIMM (Non- 288 Pin DIMM PHS-memory®<br>ECC<br>unbuffered)   |  |
| 48GB SP565724 DDR5 UDIMM ECC 288 Pin DIMM PHS-memory®<br>(ECC<br>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 https://www.phs-memory.es/-W5Y



### 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



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