

64GB Computer memory DDR4 for Gigabyte GAMING GA-X99 WIFI (rev. 1.0) RDIMM 3DS





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
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- Fast delivery in throughout Europe
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- Incoming goods inspection include checks of the DRAMs, PCBs and the programmed SPDs in order to exclude possible errors (Controlled BOM).
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- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel



Memory Specification



| Memory size | 64GB |
|---------------------------|----------------------------|
| Memory technology | DDR4 |
| ECC support | yes |
| JEDEC Norm | PC4-2666V-R |
| DRAM Organization | 3DS 2H 4Gx4 |
| Rank | 4Rx4 (2S2Rx4) |
| Туре | RDIMM (ECC Registered) 3DS |
| Number of pins | 288 Pin DIMM |
| Memory data transfer rate | 2666MHz @ CL19 |
| Voltage | 1,2 Volt |
| Speciality | 3DS |
| Board dimensions | 133,35 x 31,25 (LxB mm) |
| Operating temperature | 0° C - 85° C |
| Storage temperature | -40° C - +95° C |
| RoHS compliant | yes |
| SKU | SP465720 |
| EAN | 4067488292118 |
| | |

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 | Gigabyte |
|--------------------------|---------------------------------------|
| Device type | Motherboard-memory |
| Device family | GAMING |
| Device series | GA Serie |
| Device name | GAMING GA-X99 WIFI (rev. 1.0) |
| Maximum memory* | 2TB / 512GB according to manufacturer |
| Number of memory sockets | 8 |
| | |

^{*} The specifications for the maximum memory upgrade may differ from those of the manufacturer Gigabyte. 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 allocation

Information on memory configuration

The following technical specifications should be considered in advance:

- Im Gerät können RDIMM and UDIMM RAM-memory installiert werden.
- RDIMM and RDIMM 3DS memory modules können nicht zusammen with UDIMM Computer memoryn gemischt betrieben werden.
- Falls eine memory extension with den bereits vorhandenen RAM-memoryn vorgenommen werden soll, muss geprüft werden, welche Basis-memorytechnologie (RDIMM / UDIMM) vorhanden ist.
- Memory slots without a processor may not be used.
- If memory modules are provided with higher speeds than specified by the system, the memory speed is automatically adjusted to the system specifications.

memory for Intel Xeon CPUs:

| CPU / System | RDIMM | |
|-----------------|-----------------|--|
| | | |
| Xeon E5-16xx v3 | 8GB RDIMM | |
| Xeon E5-26xx v3 | 16GB RDIMM | |
| Xeon E5-46xx v3 | 32GB RDIMM | |
| | 64GB RDIMM DDP | |
| | 128GB RDIMM 3DS | |
| | 256GB RDIMM 3DS | |



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 Gigabyte GAMING GA-X99 WIFI (rev. 1.0)

| Size | SKU | Technology | Туре | Number of pins | Brand | Reference no. |
|-------|----------|------------|-----------------------------------|----------------|-------------|---------------|
| 4GB | SP223569 | DDR4 | UDIMM (Non- ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 8GB | SP223570 | DDR4 | UDIMM (Non- ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 8GB | SP223567 | DDR4 | RDIMM (ECC Registered) | 288 Pin DIMM | PHS-memory® | |
| 16GB | SP223568 | DDR4 | UDIMM (Non- ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 16GB | SP223565 | DDR4 | RDIMM (ECC Registered) | 288 Pin DIMM | PHS-memory® | |
| 32GB | SP223566 | DDR4 | RDIMM (ECC Registered) | 288 Pin DIMM | PHS-memory® | |
| 32GB | SP305739 | DDR4 | UDIMM (Non- ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 64GB | SP465720 | DDR4 | RDIMM (ECC Registered) 3DS | 288 Pin DIMM | PHS-memory® | |
| 128GB | SP465721 | DDR4 | RDIMM (ECC Registered) 3DS | 288 Pin DIMM | PHS-memory® | |
| 256GB | SP465722 | DDR4 | RDIMM (ECC Registered) 3DS | 288 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



Contact Information

Product Datasheet | SP465720 64GB Computer memory for GAMING GA-X99 WIFI (rev. 1.0)



| All information without guarantee. Technical changes and errors excepted. You can find current price information | in our | online |
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