

48GB Computer memory DDR5 for HP Z2 G1i SFF UDIMM ECC



294,54 EUR

plus VAT

350,50 EUR

incl. VAT

Delivery time approx. 1-2 working days

<https://www.phs-memory.com>

Version: 14.08.2025 17:59

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 size	48GB
Memory technology	DDR5
ECC support	ja
JEDEC Norm	PC5-44800-E
Type	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	SP582804
EAN	4069169547647

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 system:

System manufacturer	HP
Device type	Workstation
Device family	Workstation
Device series	Z2 Serie
Device name	Z2 G1i SFF
Maximum memory*	256GB
Number of memory sockets	4

* The specifications for the maximum memory upgrade may differ from those of the manufacturer HP. 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 non ECC or ECC (Error-Correction-Code) RAM-memory installiert werden. Memory with der Description ECC besitzen eine Fehlerkorrektur.
- Non ECC memory modules cannot be used together with ECC memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (non ECC / ECC) is already existing in the system.

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 HP Z2 G1i SFF

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP582807	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	N77571-001
8GB	SP582806	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	N77571-001
16GB	SP582808	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	N77570-001
16GB	SP582801	DDR5	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	P16838-001
16GB	SP582800	DDR5	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	P16838-001
32GB	SP582810	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	N77572-001
16GB	SP582809	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	N77570-001
32GB	SP582803	DDR5	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	P16839-001
32GB	SP582802	DDR5	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	P16839-001
48GB	SP582813	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	P07270-001
48GB	SP582812	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	P07270-001
48GB	SP582805	DDR5	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	
48GB	SP582804	DDR5	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	
64GB	SP582815	DDR5	UDIMM (Non-ECC	288 Pin DIMM	PHS-memory®	

			unbuffered)			
64GB	SP582814	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
32GB	SP582811	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	N77572-001

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

PHS-electronic gmbh
- www.phs-memory.com -
Karl-Götz-Str. 5
97424 Schweinfurt
Germany

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

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