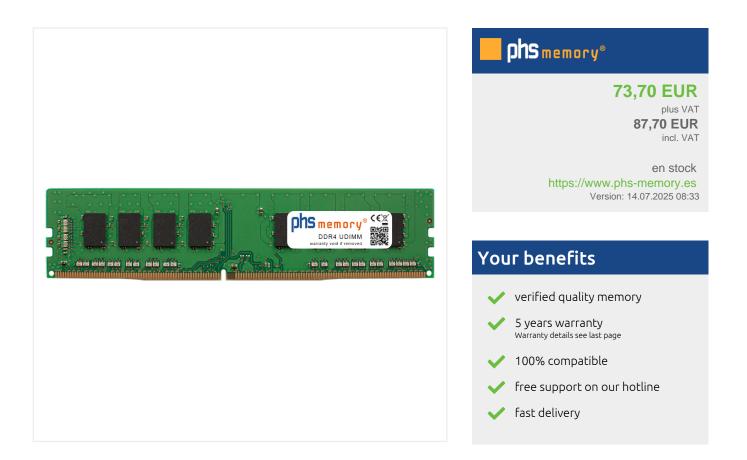


# 32GB Computer memory DDR4 for HP M01-F2102ng UDIMM



#### 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



Memory technologyDDR4ECC supportnoJEDEC NormPC4-2666V-UTypeUDIMM (Non-ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate2666MHz @ CL19Voltage1,2 VoltSpeciality-Operating temperature0° C - 85° CStorage temperature-40° C - +95° CKUSP413600EAN4064578766238	Memory size	32GB
JEDEC NormPC4-2666V-UTypeUDIMM (Non-ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate2666MHz @ CL19Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	Memory technology	DDR4
TypeUDIMM (Non-ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate2666MHz @ CL19Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	ECC support	по
Number of pins288 Pin DIMMMemory data transfer rate2666MHz @ CL19Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	JEDEC Norm	PC4-2666V-U
Memory data transfer rate2666MHz @ CL19Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	Туре	UDIMM (Non-ECC unbuffered)
Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	Number of pins	288 Pin DIMM
Speciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	Memory data transfer rate	2666MHz @ CL19
Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	Voltage	1,2 Volt
Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	Speciality	-
Storage temperature-40° C - +95° CRoHS compliantyesSKUSP413600	Board dimensions	133,35 x 31,25 (LxB mm)
RoHS compliantyesSKUSP413600	Operating temperature	0° C - 85° C
<b>SKU</b> SP413600	Storage temperature	-40° C - +95° C
	RoHS compliant	yes
<b>EAN</b> 4064578766238	SKU	SP413600
	EAN	4064578766238

#### overRAMing maximize your RAM



Most systems - including the HP M01-F2102ng - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality. Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHSmemory® overRAMing memory

https://www.phs-memory.es/-BOR

solutions.

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	HP
Device type	Desktop
Device family	Desktop M01
Device series	M01-F2100 Serie
Device name	M01-F2102ng
Standard memory	16GB (1x16GB)
Maximum memory*	64GB / 32GB according to manufacturer
Number of memory sockets	2

\* 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.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

#### 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.

## phs memory®

#### Further memory options for HP M01-F2102ng

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
16GB	SP413599	DDR4	UDIMM (Non- ECC unbuffered)	288 Pin DIMM	PHS-memory®	
32GB	SP413600	DDR4	UDIMM (Non- ECC unbuffered)	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.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