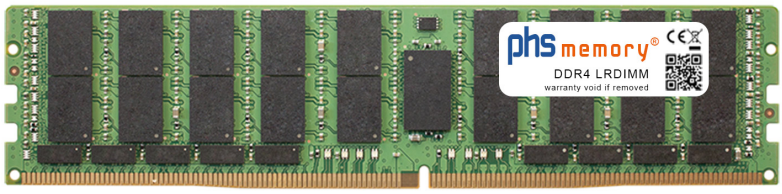
128GB Computer memory DDR4 for Intel Compute Module HNS2600TPFR LRDIMM 3DS



Preis auf Anfrage

https://www.phs-memory.fr
Version: 12.08.2025 08:29

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

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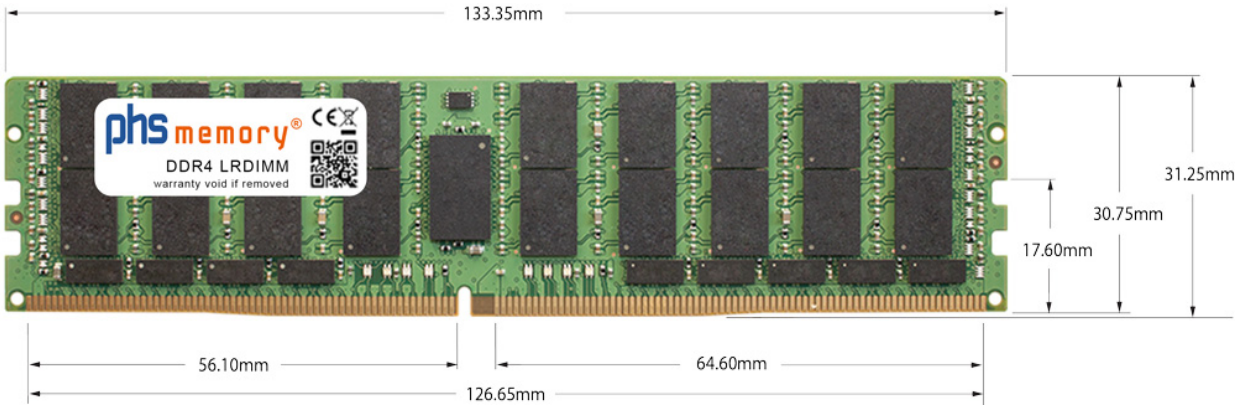
Memory Specification



Memory size	128GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-23400-L
DRAM Organization	3DS 4H 8Gx4
Rank	8Rx4 (2S4Rx4)
Type	LRDIMM (ECC LR DIMM) 3DS
Number of pins	288 Pin DIMM
Memory data transfer rate	2933MHz @ CL21
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	SP465072
EAN	4067488285844

overRAMing - maximize your RAM

overRAMing Project

Most systems - including the Intel Rechenmodul HNS2600TPFR - 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 PHS-memory® overRAMing memory solutions.

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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.

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System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	Intel
Device type	Motherboard-memory
Device family	Rechenmodul
Device series	HNS2600 Serie
Device name	Rechenmodul HNS2600TPFR
Maximum memory*	2TB / 1TB according to manufacturer
Number of memory sockets	16
Annotation	RDIMM and LRDIMM can not be mixed. Only those memory slots can be used where the respective CPU is available.

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Intel. 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 allocation

Which memory configuration is possible?

Gerne supports Sie unser memoryteam bei der Wahl des richtigen Computer memorys and Konfiguration Ihres Gerätes.

Grandsätzlich ist es möglich, dass Ihr System with Prozessoren der E5-2600 v3 or der E5-2600 v4 series ausgestattet ist. Dementsprechend können die memory dazu konfiguriert werden.

- Die Computer memory können als RDIMM (Registered DIMM) or LRDIMM (Load Reduced DIMM) memory ausgewählt werden
- RDIMM and LRDIMM can not be mixed.
- Bei einer Aufrüstung sollten Sie deshalb wissen, welche memory bereits vorhanden sind or komplett with LRDIMMcomputer memory upgrade.
- Es können nur die memorysteckplätze genutzt werden, bei denen die jeweilige CPU vorhanden ist.

Computer memory for Systeme with XEON E5-2600 v3 CPU or XEON E5-2600 v4 CPU:

CPU im System	RDIMM	LRDIMM
Xeon E5-2600 v3 (1 Processor configuration)	until zu 12 x 16GB RDIMM until zu 12 x 32GB RDIMM	until zu 12 x 32GB LRDIMM until zu 12 x 64GB LRDIMM
Xeon E5-2600 v3 (2 Processor configuration)	until zu 24 x 16GB RDIMM	until zu 24 x 32GB LRDIMM

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	until zu 24 x 32GB RDIMM	until zu 24 x 64GB LRDIMM
Xeon E5-2600 v3 (4 Processor configuration)	until zu 48 x 16GB RDIMM until zu 48 x 32GB RDIMM	until zu 48 x 32GB LRDIMM until zu 48 x 64GB LRDIMM
Xeon E5-2600 v4 (1 Processor configuration)	until zu 12 x 16GB RDIMM until zu 12 x 32GB RDIMM	until zu 12 x 32GB LRDIMM until zu 12 x 64GB LRDIMM
Xeon E5-2600 v4 (2 Processor configuration)	until zu 24 x 16GB RDIMM until zu 24 x 32GB RDIMM	until zu 24 x 32GB LRDIMM until zu 24 x 64GB LRDIMM
Xeon E5-2600 v4 (4 Processor configuration)	until zu 48 x 16GB RDIMM until zu 48 x 32GB RDIMM	until zu 48 x 32GB LRDIMM until zu 48 x 64GB LRDIMM

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.

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Further memory options for Intel Rechenmodul HNS2600TPFR

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP199954	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
16GB	SP199952	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
32GB	SP199953	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
64GB	SP465073	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
64GB	SP199951	DDR4	LRDIMM (ECC LR DIMM)	288 Pin DIMM	PHS-memory®	
128GB	SP465072	DDR4	LRDIMM (ECC LR DIMM) 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.fr/-W5Y

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

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