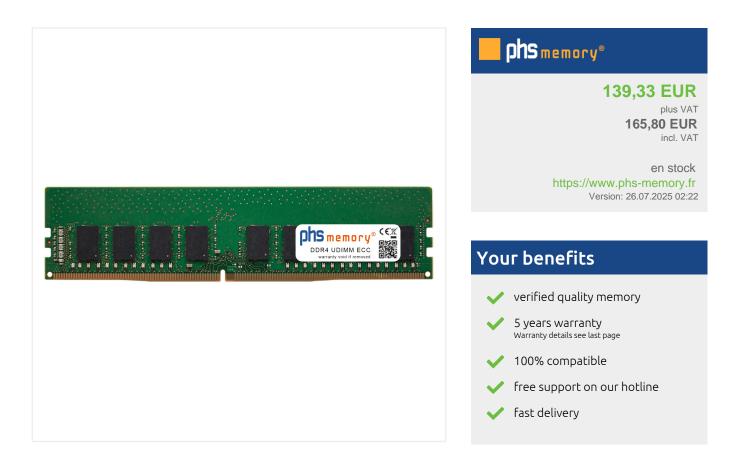
phs memory®

32GB Computer memory DDR4 for ASRock IMB-X1711 UDIMM ECC



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	
DR4 UDIMM ECC warranty void if removed		31.25mm 30.75mm .60mm
■ 56.10mm	64.60mm -	

Memory size	32GB		
Memory technology	DDR4		
ECC support	yes		
JEDEC Norm	РС4-23400-Е		
Туре	UDIMM ECC (ECC unbuffered)		
Number of pins	288 Pin DIMM		
Memory data transfer rate	2933MHz @ CL21		
Voltage	1,2 Volt		
Speciality	-		
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	SP444699		
EAN	4067488078545		

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	ASRock		
Device type	Industry Board		
Device family	IMB		
Device series	IMB-X1700 Serie		
Device name	IMB-X1711		
Maximum memory*	128GB		
Number of memory sockets	4		

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

Wenn Sie einen Xeon Prozessor verwenden, können Sie ECC or non-ECC Computer memory einbauen. Bei Verwendung einer Intel Core i3, i5, i7 or i9 CPUs ist nur die Verwendung of non-ECC Computer memoryn möglich. Die verschiedenen Technologien dürfen nicht gemischt werden.

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 ASRock IMB-X1711

8GBSP444704DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory@8GBSP444700DR4UDIMM ECC (Inbuffered)288 Pin DIMMPHS-memory@8GBSP459120DDR4UDIMM (Non- ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444701DDR4UDIMM (Non- ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444698DDR4UDIMM ECC (Inbuffered)288 Pin DIMMPHS-memory@16GBSP444698DDR4UDIMM ECC (Inbuffered)288 Pin DIMMPHS-memory@16GBSP444703DDR4UDIMM ECC (ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444703DDR4UDIMM ECC (ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444703DDR4UDIMM ECC (ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444703DDR4UDIMM (Non- ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444702DR4UDIMM (Non- ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444703DR4UDIMM (Non- ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444702DR4UDIMM ECC (ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444703DR4UDIMM ECC (ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444703DR4UDIMM ECC (ECC Unbuffered)288 Pin DIMMPHS-memory@16GBSP444703DR4UDIMM ECC (ECC Unbu	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Image: CECC unbuffered)8GBSP459120DDR4CECC unbuffered)288 Pin DIMMPHS-memory® cecc unbuffered)16GBSP444701DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®16GBSP444698DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®16GBSP472448DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®16GBSP472448DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP444703DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP444702DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472450DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472459DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472459DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®	8GB	SP444704	DDR4	ECC	288 Pin DIMM	PHS-memory®	
ECC unbuffered)16GBSP444701DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory@16GBSP444698DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory@16GBSP472448DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory@32GBSP444703DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory@16GBSP444702DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory@16GBSP444702DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory@12GBSP444699DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory@32GBSP472450DDR4UDIMM ECC ECC unbuffered)288 Pin DIMMPHS-memory@	8GB	SP444700	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
ECC unbuffered)16GBSP444698DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®16GBSP472448DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP444703DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®16GBSP444702DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP444699DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472450DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472459DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472449DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472449DDR4UDIMM ECC (ECC288 Pin DIMMPHS-memory®	8GB	SP459120	DDR4	ECC	288 Pin DIMM	PHS-memory®	
IECC unbuffered)IECC unbuffered)IECC unbuffered)IEEC unbuffered)IEEC unbuffered)PHS-memory®32GBSP444703DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®16GBSP444702DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP444699DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472450DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472459DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472449DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®	16GB	SP444701	DDR4	ECC	288 Pin DIMM	PHS-memory®	
Image:	16GB	SP444698	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
ECC unbuffered)16GBSP444702DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP444699DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472450DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472450DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472449DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®	16GB	SP472448	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
ECC unbuffered)32GBSP444699DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472450DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472449DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472449DDR4UDIMM ECC (ECC288 Pin DIMMPHS-memory®	32GB	SP444703	DDR4	ECC	288 Pin DIMM	PHS-memory®	
(ECC unbuffered)32GBSP472450DDR4UDIMM (Non- ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP472449DDR4UDIMM ECC (ECC288 Pin DIMMPHS-memory®	16GB	SP444702	DDR4	ECC	288 Pin DIMM	PHS-memory®	
Big SP472449 DDR4 UDIMM ECC 288 Pin DIMM PHS-memory® (ECC	32GB	SP444699	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
(ECC	32GB	SP472450	DDR4	ECC	288 Pin DIMM	PHS-memory®	
	32GB	SP472449	DDR4	(ECC	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



Contact Information

PHS-electronic gmbh - www.phs-memory.fr -Karl-Götz-Str. 5 97424 Schweinfurt Allemagne Phone: +49 9721 784678 E-Mail: info@phs-memory.fr Web: www.phs-memory.fr

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