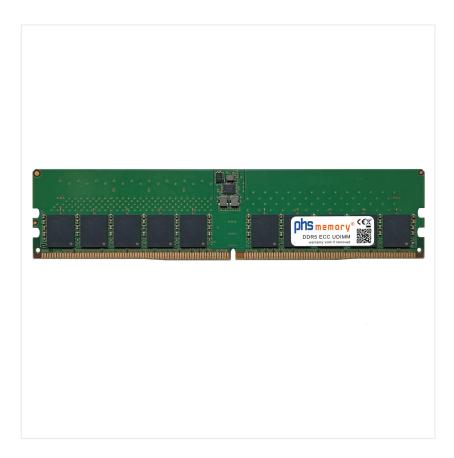


48GB Computer memory DDR5 for Asus PRIME B850M-K UDIMM ECC





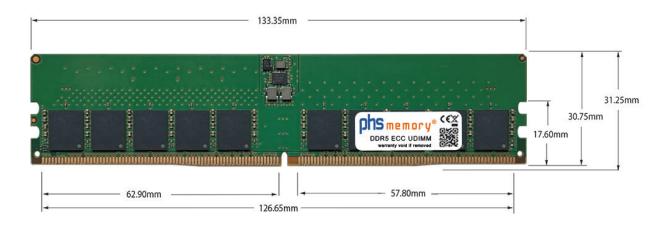


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- High availability through professional warehouse management
- Fast delivery in throughout Europe
- Short response times and professional order processing due to full digitalization throughout the entire process with complete traceability
- Incoming goods inspection include checks of the DRAMs, PCBs and the programmed SPDs in order to exclude possible errors (Controlled BOM).
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- 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
Туре	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	SP579535
EAN	4069169510726

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	Asus		
Device type	Motherboard-memory		
Device family	PRIME		
Device series	B850M Serie		
Device name	PRIME B850M-K		
Maximum memory*	128GB		
Number of memory sockets	2		

^{*} The specifications for the maximum memory upgrade may differ from those of the manufacturer Asus. 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 Asus PRIME B850M-K

8GB SP579536 DDR5 UDIMM (Non-ECC unbuffered) 288 Pin DIMM PHS-memory® 16GB SP579537 DDR5 UDIMM (Non-ECC unbuffered) 288 Pin DIMM PHS-memory® 16GB SP579533 DDR5 UDIMM ECC (ECC unbuffered) 288 Pin DIMM PHS-memory® 24GB SP579538 DDR5 UDIMM (Non-ECC unbuffered) 288 Pin DIMM PHS-memory® 32GB SP579539 DDR5 UDIMM (Non-ECC (ECC unbuffered) 288 Pin DIMM PHS-memory® 48GB SP579534 DDR5 UDIMM ECC (ECC unbuffered) 288 Pin DIMM PHS-memory® 48GB SP579535 DDR5 UDIMM (Non-ECC (ECC unbuffered) 288 Pin DIMM PHS-memory® 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 288 Pin DIMM PHS-memory® 64GB SP583793 DDR5 UDIMM (Non-ECC (ECC unbuffered) 288 Pin DIMM PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
ECC unbuffered) 16GB SP579533 DDR5 UDIMM ECC (ECC unbuffered) 24GB SP579538 DDR5 UDIMM (Non-ECC unbuffered) 32GB SP579539 DDR5 UDIMM (Non-ECC unbuffered) 32GB SP579534 DDR5 UDIMM (Non-ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP583793 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP583793 DDR5 UDIMM (Non-ECC unbuffered)	8GB	SP579536	DDR5	ECC	288 Pin DIMM	PHS-memory®	
(ECC unbuffered) 24GB SP579538 DDR5 UDIMM (Non- ECC unbuffered) 32GB SP579539 DDR5 UDIMM (Non- ECC unbuffered) 32GB SP579534 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP579540 DDR5 UDIMM (Non- ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP583793 DDR5 UDIMM (Non- ECC unbuffered)	16GB	SP579537	DDR5	ECC	288 Pin DIMM	PHS-memory®	
ECC unbuffered) 32GB SP579539 DDR5 UDIMM (Non- ECC unbuffered) 32GB SP579534 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP579540 DDR5 UDIMM (Non- ECC unbuffered) 48GB SP579535 DDR5 UDIMM (Non- ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP583793 DDR5 UDIMM (Non- ECC ECC unbuffered) 48GB SP583793 DDR5 UDIMM (Non- ECC ECC unbuffered) 48GB SP583793 DDR5 UDIMM (Non- ECC ECC unbuffered)	16GB	SP579533	DDR5	(ECC	288 Pin DIMM	PHS-memory®	
ECC unbuffered) 32GB SP579534 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP579540 DDR5 UDIMM (Non-ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 48GB SP583793 DDR5 UDIMM (Non-ECC unbuffered) 64GB SP583793 DDR5 UDIMM (Non-ECC unbuffered) ECC UDIMM (Non-ECC unbuffered) 64GB SP583793 DDR5 UDIMM (Non-ECC unbuffered)	24GB	SP579538	DDR5	ECC	288 Pin DIMM	PHS-memory®	
(ECC unbuffered) 48GB SP579540 DDR5 UDIMM (Non- ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 64GB SP583793 DDR5 UDIMM (Non- ECC Unbuffered) PHS-memory® PHS-memory® PHS-memory® PHS-memory® PHS-memory® ECC	32GB	SP579539	DDR5	ECC	288 Pin DIMM	PHS-memory®	
ECC unbuffered) 48GB SP579535 DDR5 UDIMM ECC (ECC unbuffered) 64GB SP583793 DDR5 UDIMM (Non- ECC ECC unbuffered) PHS-memory®	32GB	SP579534	DDR5	(ECC	288 Pin DIMM	PHS-memory®	
(ECC unbuffered) 64GB SP583793 DDR5 UDIMM (Non- 288 Pin DIMM PHS-memory® ECC	48GB	SP579540	DDR5	ECC	288 Pin DIMM	PHS-memory®	
ECC	48GB	SP579535	DDR5	(ECC	288 Pin DIMM	PHS-memory®	
	64GB	SP583793	DDR5	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.it/-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.it