

## 32GB Computer memory DDR5 for Supermicro SuperServer SYS-221BT-DNTR RDIMM





# 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	32GB
Memory technology	DDR5
ECC support	ja
JEDEC Norm	PC5-38400R
DRAM Organization	2Gx8
Rank	2Rx8
Туре	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	4800MHz
Voltage	1,1 Volt
Speciality	-
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP460297
EAN	4067488238413

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	Supermicro		
Device type	Server		
Device family	SuperServer		
Device series	SYS-221BT Serie		
Device name	SuperServer SYS-221BT-DNTR		
Maximum memory*	4TB		
Number of memory sockets	16		

<sup>\*</sup>The specifications for the maximum memory upgrade may differ from those of the manufacturer Supermicro. 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 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 Supermicro SuperServer SYS-221BT-DNTR

Registered)         ER48           24GB         SP488686         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP460298         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR532MA ER48           32GB         SP460297         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR532MD ER48           48GB         SP488687         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR564MC ER48           64GB         SP460299         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR564MC ER48           96GB         SP478662         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR596L-HL01-ER48           128GB         SP460300         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR512MH ER48           256GB         SP460301         DDR5         RDIMM (ECC 288 Pin DIMM         PHS-memory®         MEM-DR512MH ER48	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)           32GB         SP460298         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® ER48         MEM-DR532MA ER48           32GB         SP460297         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR532MD ER48           48GB         SP488687         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR564MC ER48           64GB         SP460299         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR564MC ER48           96GB         SP478662         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR596L-HL01-ER48           128GB         SP460300         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR512MH ER48           256GB         SP460301         DDR5         RDIMM (ECC 288 Pin DIMM         PHS-memory®         MEM-DR512MH ER48	16GB	SP460296	DDR5	•	288 Pin DIMM	PHS-memory®	MEM-DR516MB- ER48
Registered)         ER48           32GB         SP460297         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR532MD ER48           48GB         SP488687         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR564MC ER48           64GB         SP460299         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR564MC ER48           96GB         SP478662         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR596L-HL01-ER48           128GB         SP460300         DDR5         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory® MEM-DR512MH ER48           256GB         SP460301         DDR5         RDIMM (ECC 288 Pin DIMM PHS-memory®	24GB	SP488686	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)         ER48           48GB         SP488687         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR564MC ER48           64GB         SP460299         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR564MC ER48           96GB         SP478662         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR596L-HL01-ER48           128GB         SP460300         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR512MH ER48           256GB         SP460301         DDR5         RDIMM (ECC 288 Pin DIMM         PHS-memory®	32GB	SP460298	DDR5	•	288 Pin DIMM	PHS-memory®	MEM-DR532MA- ER48
Registered)           64GB         SP460299         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® ER48         MEM-DR564MC ER48           96GB         SP478662         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR596L-HL01-ER48           128GB         SP460300         DDR5         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory® PHS-memory®           256GB         SP460301         DDR5         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®	32GB	SP460297	DDR5	•	288 Pin DIMM	PHS-memory®	MEM-DR532MD- ER48
Registered)         ER48           96GB         SP478662         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR596L-HL01-ER48           128GB         SP460300         DDR5         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®         MEM-DR512MH ER48           256GB         SP460301         DDR5         RDIMM (ECC 288 Pin DIMM         PHS-memory®	48GB	SP488687	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)         HL01-ER48           128GB         SP460300         DDR5         RDIMM (ECC Registered) 3DS         288 Pin DIMM PHS-memory® ER48         MEM-DR512MH ER48           256GB         SP460301         DDR5         RDIMM (ECC 288 Pin DIMM PHS-memory®         PHS-memory®	64GB	SP460299	DDR5	·	288 Pin DIMM	PHS-memory®	MEM-DR564MC- ER48
Registered) 3DS ER48  256GB SP460301 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	96GB	SP478662	DDR5	•	288 Pin DIMM	PHS-memory®	
· · · · · · · · · · · · · · · · · · ·	128GB	SP460300	DDR5	`	288 Pin DIMM	PHS-memory®	MEM-DR512MH- ER48
Registered) 3DS	256GB	SP460301	DDR5	RDIMM (ECC Registered) 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



#### 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

### Product Datasheet | SP460297 32GB Computer memory for SuperServer SYS-221BT-DNTR



shop at https://www.phs-memory.fr