

16GB Computer memory DDR4 for bluechip BUSINESSline workstation WS3200 RDIMM



phs memory®

46,22 EUR

plus VAT

55,00 EUR

incl. VAT

immediately available

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Version: 31.07.2025 17:59

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	16GB
Memory technology	DDR4
ECC support	ja
JEDEC Norm	PC4-19200R
Type	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	2400MHz @ CL17
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	SP230196
EAN	4055069980417

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 system:

System manufacturer	bluechip
Device type	Workstation
Device family	BUSINESSline Workstation
Device series	WS3200 Serie
Device name	BUSINESSline Workstation WS3200
Standard memory	32GB (4x8GB)
Maximum memory*	1TB / 512GB according to manufacturer
Number of memory sockets	16

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

Which memory configuration is possible?

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

Grundsätzlich 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 LRDIMM
	until zu 12 x 32GB RDIMM	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
	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 LRDIMM
	until zu 48 x 32GB RDIMM	until zu 48 x 64GB LRDIMM
Xeon E5-2600 v4 (1 Processor configuration)	until zu 12 x 16GB RDIMM	until zu 12 x 32GB LRDIMM
	until zu 12 x 32GB RDIMM	until zu 12 x 64GB LRDIMM
		until zu 12 x 128GB LRDIMM
Xeon E5-2600 v4 (2 Processor configuration)	until zu 24 x 16GB RDIMM	until zu 24 x 32GB LRDIMM
	until zu 24 x 32GB RDIMM	until zu 24 x 64GB LRDIMM
		until zu 24 x 128GB LRDIMM
Xeon E5-2600 v4 (4 Processor configuration)	until zu 48 x 16GB RDIMM	until zu 48 x 32GB LRDIMM
	until zu 48 x 32GB RDIMM	until zu 48 x 64GB LRDIMM
		until zu 48 x 128GB 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.

Further memory options for bluechip BUSINESSline Workstation WS3200

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP230198	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
16GB	SP230196	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
32GB	SP230197	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
64GB	SP465826	DDR4	RDIMM (ECC Registered)	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.com/-W5Y>



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