

# 32GB Computer memory DDR4 for HP ZBook 17 G3 (Xeon Prozessor) SO DIMM ECC





# 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	DDR4		
ECC support	yes		
JEDEC Norm	PC4-2666V-P		
DRAM Organization	2Gx8		
Rank	2Rx8		
Туре	SO DIMM ECC		
Number of pins	260 Pin DIMM		
Memory data transfer rate	2666MHz @ CL19		
Voltage	1,2 Volt		
Speciality	-		
Board dimensions	69,73 x 30,13 (LxB mm)		
Operating temperature	0° C - 85° C		
Storage temperature	-40° C - +95° C		
RoHS compliant	yes		
SKU	SP448881		
EAN	4067488121609		

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	HP			
Device type	Laptop			
Device family	ZBook			
Device series	17 Serie			
Device name	ZBook 17 G3 (Xeon Prozessor)			
Standard memory	16GB			
Maximum memory*	128GB			
Number of memory sockets	4			
Annotation	Attention: ECC memory only suitable for devices with Intel XEON processor. suitable for the following models: T7V52ET, T7V60EA, T7V61EA, T7V61ET, T7V64EA, T7V64EA, T7V64EA, T7V64EA, T7V64EA, T7V64EA, T7V64ET, T7V64EA, T7V64ET, T7V65ET, Y6J66ET, 1MY67EC and many more.			

<sup>\*</sup> The specifications for the maximum memory upgrade may differ from those of the manufacturer HP. 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

#### ECC nur for ZBOOK 17 G3 with Intel Xeon Prozessor!

Systeme with XEON CPU können memory with ECC and memory ohne ECC nutzen

Geräte with Intel i5 or i7 CPU können nur memory ohne ECC adressieren

ZBOOK 17 G3	8GB	16GB	8GB	16GB
with CPU:	ohne ECC	ohne ECC	with ECC	with ECC
Xeon E3-1575M v5			yes	yes
	yes	yes		
Xeon E3-1535M v5		yes	yes	yes
	yes			
Core i7-6820HQ	yes	yes	no	no
Core i7-6700HQ		yes	no	no

#### Product Datasheet | SP448881

32GB Computer memory for ZBook 17 G3 (Xeon Prozessor)



	yes			
Core i5-6440HQ		yes	no	no
	yes			

# 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 HP ZBook 17 G3 (Xeon Prozessor)

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP245561	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
8GB	SP157965	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
8GB	SP157963	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
16GB	SP157964	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
16GB	SP157962	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
32GB	SP448881	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
32GB	SP316855	DDR4	SO DIMM	260 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.es/-W5Y



# Contact Information

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

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