

Article-No.: 147399

exone Challenge 2HE Rack Redundant

7I2U2N-R-4309Y-64-2x1920SSD/8-9540/8i

exone Challenge Server: Our single-processor series for small and medium-sized businesses.

Inexpensive. Versatile. Reliable

Our single processor series for small and medium businesses.

The single processor server line optimally adapted to the needs of small and medium-sized

and medium-sized companies is based exclusively on the use

is based exclusively on the use of components

components that are approved for continuous

approved for continuous operation.

Technical data

Mainboard Server

maker	Supermicro
label	X12SPL-F
form factor	ATX
plinth	LGA-4189
chipset	Intel® C621A
Memory max. size in GB	256
Memory Slots	8
Memory Technology	DDR4-RDIMM
Network Chipset 1	Intel® i210
PXE support	yes
RAID onboard	0/1/5/10

Processor

manufacturer	Intel®
marking	Intel® Xeon® Silver
type	4309Y
cpu socket	LGA-4189
cores	8
threads	16
clock rate	2,80 GHz
max. clock frequency with Intel® Turbo Boost technology	3,60 GHz
L2 Cache	12000 KB
bit set	64 bit
max. TDP	105 Watt

Main storage (2 x)

size	32 GB
technology	DDR4-RDIMM
form factor	DDR-DIMM
speed	3200 MHz
ECC-REG	yes
dual rank	yes



Highlights

- Rack server 2U
- Intel Xeon Silver CPU
- Up to 2TB ECC REG memory
- Hardware based remote maintenance included



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clock value	22
RAID controller	
RAID controller	9540-8i
maker	Broadcom
chipset	SAS3808
BBU Protection possible	no
Cache Vault Protection possible	no
gateways	1x PCIe® x8 4.0
Internal connections	1
Supported technologies	SAS, SATA, NVMe®
raid level	0/1/10
Hard disk (2 x)	
memory capacity	1920 GB
type	SSD
frame size	2,5"
interface	SATA3 with 6 Gb/s
24-hour continuous operation	yes
Service	
Service	3 years bring-in incl. replacement of parts in advance
Housing Server	
bloke	2 HE
form factor	E-ATX, ATX
Power Switches	yes
Reset switch	yes
5,25" external slimline	yes
3.5" external	8
hot swap	yes
connection technology	SATA/SAS
horizontally applicable	yes
tint	black/silver
Dimension (WxHxD)	437 x 89 x 647 mm
Integrated power supply	800 Watt Redundante 80Plus Titanium 1+1 redundant
TPM Modul	
note	TPM Modul AOM-TPM-9670V-O