

Article-No.: 148268

exone Challenge 2HE Rack Redundant AMD 7A2U2N-R-7313P-128-2x480SSD-4x7680SAS/24-9560/8i

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	H12SSL-i
form factor	ATX
plinth	Socket SP3
chipset	System on Chip
Memory max. size in GB	256
Memory Slots	8
Memory Technology	DDR4-RDIMM
Graphic onboard	ASPEED AST2500 BMC
Network Chipset 1	Broadcom
PXE support	yes
PCI Express x8 4.0	2

Processor

manufacturer	AMD
marking	EPYC 7313P
type	7313P
cpu socket	Socket SP3
cores	16
threads	32
clock rate	3,00 GHz
max. clock frequency with AMD Turbo Core technology	3,70 GHz
L3 Cache	128 MB
max. TDP	180 Watt

Main storage (4 x)

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



Highlights

- Rack server 2U
- AMD EPYC (Rome) CPU
- Up to 2TB ECC REG memory
- Hardware based remote maintenance included



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clock value	22
RAID controller	
RAID controller	9560-8i
maker	Broadcom
chipset	SAS3908 12Gb/s SAS Tri-Mode RAID-on-Chip (ROC)
Cache Vault Protection possible	yes
cache memory	4096 MB
gateways	1x PCIe® x8 4.0
Internal connections	1
Supported technologies	SAS, SATA, NVMe®
raid level	0/1/5/6/10/50/60, JBOD / single
Optional Features	Cache Cade
Hard disk (4 x)	
memory capacity	7680 GB
type	SSD
frame size	2,5"
interface	SAS with 12 Gb/s
24-hour continuous operation	yes
memory capacity	480 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
RAID controller accessories	
cache vault	CacheVault Kit f. 9460/9480 CVPM05
Housing Server	
bloke	2 HE
form factor	EE-ATX, E-ATX, ATX
Power Switches	yes
Reset switch	yes
2.5" external	24
hot swap	yes
connection technology	SATA/SAS
Dimension (WxHxD)	89 x 437 x 630 mm
Integrated power supply	1200 Watt Redundant 80Plus Platinum 1+1 redundant

Errors and omissions excepted. | Illustrations may differ from the actual product. | Data sheet long version, created on: 17.05.2024

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TPM Modul

note	TPM Modul AOM-TPM-9665V-S
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