EXTRA
COMPUTER GMBH

Article-No.: 140149

exone Challenge Cube

4ICI1N-R-2334-32-2x960SSD/4-9440/8i

Our compact Cube Server with Intel Xeon E offers you an excellent balance of performance and space savings

Small but mighty - the exone Challenge Cube combines functionality, performance and design. In its visually appealing case, our small entry-level server does not need to hide. Thanks to its small size and low noise level, it is the ideal central computer for smaller office environments and still offers sufficient performance for daily work thanks to the use of exclusively 24x7 certified server hardware.

Technical data

Mainboard Server

maker	ASUS
label	P12R-I
form factor	Mini ITX
plinth	LGA1200
chipset	Intel® C252
Memory max. size in GB	32
Memory Slots	2
Memory Technology	DDR4-DIMM-ECC
Graphic onboard	ASPEED AST2600 BMC
Network Chipset 1	Intel i210AT
PXE support	yes
SATA3 (6Gb/s)	6
RAID onboard	0/1/5/10

Processor

manufacturer	Intel®
marking	E-2334
type	E-2334
cpu socket	LGA1200
cores	4
threads	8
clock rate	3,40 GHz
max. clock frequency with Intel® Turbo Boost technology	4,80 GHz
smartCache	8 MB
bit set	64 bit
max. TDP	65 Watt
Intel® Hyper-Threading Technology	yes
Intel® Virtualization Technology (VT-x)	yes
ECC memory support	yes

Main storage

size	32 GB
technology	DDR4-UDIMM

Highlights

• Compact housing

• Intel Xeon CPU E-23xx

• Hot-swap capable

• Up to 64Gb memory

• Hardware based remote maintenance included

intel. XEON

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form factor	DDR-DIMM
speed	3200 MHz
ECC	yes
clock value	21

RAID controller

RAID controller	9440-8i
maker	Broadcom
chipset	SAS3508
gateways	1x PCIe® x8 3.0
Internal connections	2
Supported technologies	SAS, SATA, SSD, NVMe®
raid level	0/1/5/10

Hard disk (2 x)

memory capacity	960 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	Cube Server
form factor	ATX
Front interface USB 3.0	2
Power Switches	yes
Reset switch	yes
5,25" external slimline	yes
3.5" external	4
hot swap	yes
connection technology	SATA/SAS
19" Convertible	no
tint	black
Dimension (WxHxD)	210 x 230 x 275
Integrated power supply	265 watt bronze, single

TPM Modul

note	ASUS TPM-SPI Modul