

Article-No.: 149460

# exone Challenge Slim

## 4IDT1N-R-2336-64-2x960SSD/4-9540/8i

Scalable power for your growing requirements: Our expandable slim server with Intel Xeon E CPUs gives you flexible

The exone Challenge SLIM 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

#### Housing PC

manufacturer	Chieftec
type	small desktop
form factor	Micro ATX
front interface USB 3.2 Gen1 (5Gbit/s)	2
front interface USB 2.0	2
front interface audio	2
power switches	integrated
drive bays 5.25" external	1
drive bays 3.5" external	1
drive bays 3.5" internal	1
drive bays 2.5" internal	1
Note	Fan included in delivery
number of expansion slots low profile	4
number of front fans	1
front fan min. size	80 x 80 mm
front fan max. size	80 x 80 mm
particularity	Front panel in mesh optics, incl. stand
can be used vertically	yes
horizontally applicable	yes
color	black
dimensions (WxHxD)	102 x 338 x 356 mm
type	intramural
form factor	TFX
power	250 Watt
refrigeration	energetic
fan type	80 x 80
input voltage range	100 - 240V AC V
average efficiency	85
certification	85 PLUS Bronze
ATX20+4 pin	1



### Highlights

- Compact case
- Intel Xeon CPU E-23xx
- Up to 128GB ECC memory
- Hardware based remote maintenance included



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4-pin Molex Connector	2
SATA Connector	2
4-pin connector	1
Mainboard Server	
maker	Supermicro
label	X12STL-F
form factor	Micro ATX
plinth	LGA1200
chipset	Intel® C252
Memory max. size in GB	32
Memory Slots	4
Memory Technology	DDR4-SDRAM
Graphic onboard	ASPEED AST2600 BMC
Network Chipset 1	Intel® i210
Network Chipset 2	Intel® i210
PXE support	yes
IO Shield USB 2.0	2
IO Shield VGA	1
IO Shield LAN (RJ-45)	2
PCI Express x8 4.0	2
RAID onboard	0/1/5/10
Processor	
manufacturer	Intel®
marking	E-2336
type	E-2336
cpu socket	LGA1200
cores	6
threads	12
clock rate	2,90 GHz
max. clock frequency with Intel® Turbo Boost technology	4,80 GHz
smartCache	12 MB
max. TDP	65 Watt
Intel® Hyper-Threading Technology	yes
Intel® Virtualization Technology (VT-x)	yes
ECC memory support	yes
Main storage (2 x)	
size	32 GB
technology	DDR4-DIMM-ECC



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form factor	DDR-DIMM
connector	288-pole
speed	3200 MHz
tension	1,2 V
ECC	yes
dual rank	yes
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	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
TPM Modul	
note	TPM Modul AOM-TPM-9670V-0