

Article-No.: 145843

exone Business S 1203

i5-12500

Redefine performance! With the 12th generation Intel® Alder Lake

The exone® BUSINESS S 1203 impresses with high quality and stability. It is the perfect business PC that offers a high degree of flexibility with many connection options and meets all office applications.

Our new exone® systems with the 12th generation Alder Lake Intel processors offer a new, powerful hybrid architecture and combine performance cores with efficiency cores. With integrated Intel® UHD graphics, you'll enjoy and immerse yourself in a visually stunning experience, redefining your performance and productivity! With these and many more enhancements, you can work and create content with more confidence than ever before.

Technical data

Processor

manufacturer	Intel®
marking	Core™ i5
type	New List Value
cpu socket	LGA1700
cores	6
Performance Cores	6
threads	12
clock rate	3,00 GHz
clock rate (Power Core)	4,60
max. clock frequency with Intel® Turbo Boost technology	4,60 GHz
L2 Cache	7500 KB
L3 Cache	18 MB
smartCache	18 MB
bit set	64 bit
max. TDP	65 Watt
max. TDP Turbo	117 Watt
processor graphic	Intel® UHD Graphics 770
Intel® Hyper-Threading Technology	yes
Intel® Virtualization Technology (VT-x)	yes
ECC memory support	yes

Operating system

installed operating system	no operating system included
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Mainboard Desktop

manufacturer	ASUS
marking	PRO B660M-C D4-CSM
form factor	Micro ATX



Highlights

- twelfth-generation Intel® Core™ i5 processor
- latest, reliable Intel® B660 business chipset
- integrated Intel® UHD Graphics 770
- Intel® LAN
- up to 128 GB DDR4 memory
- VGA, HDMI and 2x DisplayPort monitor ports
- serial and parallel interface optional
- PCI expansion slot
- TPM optional

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socket	LGA1700
chipset	Intel® B660
working memory max.	128 GB
memory slots	4
memory technology	DDR4-SDRAM
max. resolution VGA	1,920 x 1,080 pixels @60Hz
max. resolution HDMI	4,096 x 2,160 pixels @60 Hz (HDMI 2.1)
max. resolution DisplayPort	4,096 x 2,304 pixels @60Hz (DisplayPort 1.4)
max. number of supported displays	4
network	
network chipset	Intel® i219V
transmission rate	10/100/1000 Mbps
PXE support	yes
Wake on LAN (WOL) support	yes
WLAN	optional
bluetooth	optional
audio	
audio chipset	Realtek ALC 897
sound mode	7.1-channel high definition
rear interfaces	
USB 3.2 Gen1 (5Gbit/s)	2
USB 2.0	2
PS/2	2
VGA	1
HDMI	1
DisplayPort	2
Note monitor interfaces	HDMI 2.1 DisplayPort 1.4
LAN (RJ-45)	1
audio	line-in, line-out, microphone
PCI Express x16 4.0	1
PCI Express x1 3.0	2
M.2 for SSD	2
hint	for M.2 SSD (2242/2260/2280 SATA/PCIe® x4)
M.2 for WLAN	1
hint	for WLAN module (2230 CNVi/PCIe®)
USB 3.2 Gen1 (5Gb/s) header	1
hint	1x USB Header provides 2x USB Channel
USB 2.0 header	2



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hint	1 x USB Header provides 2x USB Channel
serial	2
parallel	1
Trusted Platform Module (TPM)	Onboard TPM 2.0 Unterstützung (Intel PTT)
SATA3 (6 Gb/s)	4
other	
RAID onboard	SATA RAID 0/1/5/10
24-hour continuous operation	yes
Main storage	
size	8 GB
technology	DDR4-SDRAM
form factor	DDR-DIMM
connector	288-pole
speed	3200 MHz
tension	1,2 V
ECC	no
Hard disk	
memory capacity	512 GB
type	M.2 2280
interface	M.2 PCIe® 3.0 x4 with max. 32 Gb/s (NVMe®)
Running gear	
optical drive	DVD-RW +/- Burner
type	intramural
frame size	5,25"
cut surface	SATA
Housing PC	
manufacturer	exone
type	Micro Tower
form factor	Micro ATX
front interface USB 3.2 Gen1 (5Gbit/s)	2
front interface audio	2
power switches	yes
drive bays 5.25" external	2
drive bays 3.5" external	2
drive bays 3.5" internal	1
drive bays 2.5" internal	1
number of expansion slots	4

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number of front fans	1
front fan min. size	80 mm
front fan max. size	92 mm
number of fans	1
rear fan min. size	80 mm
return fan max. size	92 mm
safety	Kensington Lock, lockable
color	black/silver
dimensions (WxHxD)	175 x 370 x 385 mm
Weight	3,4

Power supply

manufacturer	Fortron
form factor	ATX
type	intramural
redundant	no
power	350 Watt
refrigeration	energetic
fan type	120 x 120 mm
particularity	super-silent
input voltage range	200 - 240V AC V
current draw	3,0 A
certification	80 PLUS Bronze
efficiency at 100% of rated power	85,741 %
efficiency at 50% of rated power	88,345 %
efficiency at 20% of rated power	85,462 %
efficiency at 10% of rated power	76,262 %
current supply	IEC14 connector (10A)
SATA Connector	4
4+4-pin connector	1
2-pin connector	1
6-pin connector	1
ATX24 Pole	1
operating temperature range	0°C to 25°C
width	150 mm
hight	140 mm
deepth	86 mm
heart rate	50 - 60 Hz
CE	CE
TÜV	TÜV Rheinland
RoHS	yes

Keyboard/Mouse

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keyboard

manufacturer	CHERRY®
model	Business Ultra Flat
interface	USB 2.0
color	black
liaison	corded
cable's length	1,8 m
splash-proof	yes
layout	German
numeric keypad	incl.
caret	incl.
hotkeys	calculator, email, browser, sleep mode
interoperability	Windows
lettering	lasered
particularity	modern flat design, whisper-quiet keystroke

mouse

manufacturer	CHERRY®
model	M5450
interface	USB 2.0
color	black
technology	optical
number of buttons	3
scroll wheel	yes
liaison	corded
cable's length	1,8 m
particularity	ergonomic, ideal for left- and right-handers, easy scrolling

Service

Service	2 years bring-in incl. replacement of parts in advance
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System

Widening

free external slots 5.25"	1
free external slots 3.5"	2
free internal slots 3.5"	1
free internal slots 2.5"	1
free M.2 slots	2

Additional software

additional software	free of adware, ,
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	Microsoft® Office Preload (Buy Office now, get a license right away)
Ambient conditions	
noise emission	approx. 20 dB(A)
operating temperature	5°C to 32°C
atmospheric humidity	10% to 75% (non-condensing)
Certifications	
Blue Angel	Our products meet the requirements of the Blue Angel
conformance	CE
grade	EXTRA Computer has a quality management system which is certified according to DIN ISO 9001