

Article-No.: 148066

exone go Business 1560 X12
i5-1235U

Technical data

Operating system

installed operating system	no operating system included
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Main storage

size	8 GB
form factor	SO-DIMM
speed	3200 MHz
tension	1,2 V
clock value	22

Hard disk

memory capacity	500 GB
type	M.2 2280
interface	M.2 PCIe® 4.0 x4 with max. 64 Gb/s (NVMe®)

Running gear

optical drive	DVD-RW +/- ultra-slimline
type	intramural
overall height	9,5
cut surface	SATA

Basic notebook system

processor

manufacturer	Intel®
label	Core™ i5
type	New List Value
cpu socket	New List Value
cores	10
Number of Performance Core	2
Number of Efficient Core	8
threads	12
Clock frequency (Power Core)	1,30 GHz
Clock frequency (Efficient Core)	0,90 GHz
max. clock frequency with Intel® Turbo Boost technology	4,40 GHz
smart cache	12 MB
bit set	64 Bit
max. TDP	28 Watt
processor graphic	Intel® Iris® Xe Graphics



Highlights



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Intel® Hyper-Threading Technology	yes
Intel® Virtualization Technology (VT-x)	yes
hint	New List Value
display	
display size	15.6" (39.6 cm)
display thickness	3,2 mm
max. resolution panel	1,920 x 1,080 pixels (FHD)
aspect ratio	16:9 -Format
display technology	IPS WVA
backlight	LED
display type	anti-glare
contrast	800:1
brightness	250 cd/m²
Refresh rate	60 Hz
sRGB	New List Value
reaction time	30 ms
Viewing angle	85 h/v
possible memory	
working memory max.	64 GB
memory slots	2
memory technology	DDR4 SO-DIMM
hard disk	
hard disk bays	1 x 2,5" Height: 7,0 mm
quantity	1
frame size	2,5"
overall height	7 mm
optical disc drive	
optical disc drive	New List Value
communication	
network chipset	Intel® i219
transmission rate	10/100/1000 Mbps
PXE support	yes
Wake on LAN (WOL) support	yes
WLAN	Intel® Dual Band Wi-Fi 6 AX201, 802.11 ax
WLAN chipset	Intel® Wi-Fi 6 AX201
WLAN transmission speed	2.4 Gbit/s
WLAN transmission	IEEE 802.11 ax



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standard	
WiFi usage	
Note for wifi usage	The range from 5150 MHz to 5350 MHz of the 5 GHz WLAN band is for indoor use only.
mobile broadband	LTE module upgradeable
bluetooth	integrated
bluetooth standard	5.2
audio/camera	
audio chipset	Intel
sound mode	high definition
web camera	New List Value
speakers	2 integrated speakers
interfaces	
USB 3.2 Gen2 (10GBit/s) Type-C™	1
hint	The USB 3.2 Type-C™ interface supports Power Delivery (charging function of the notebook battery) as well as image transfer (Alternate Mode).
USB 3.2 Gen1 (5GBit/s)	2
USB 2.0	1
VGA	1
HDMI	1
LAN (RJ-45)	1
audio	Audio Combo (headphones, microphone), microphone
DC in	integrated
card reader	
card reader	6-in-1 Push
type	multifunction
supported formats	MMC, RS MMC, SD, mini SD, SDHC, SDXC
expansion slots	
M.2 for SSD	1
hint	for M.2 SSD (2280 PCIe® x4, NVMe)
M.2 for WLAN	1
advice	occupied by WLAN module
M.2 for mobile broadband	1
hint	for LTE M.2 module
safety	
fingerprint reader	no
Trusted Platform Module (TPM)	Firmware TPM (fTPM) im BIOS integriert

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kensington lock	integrated
input devices	
input devices	Keyboard with numeric keypad and multicolour backlight, multi-touch touchpad
general	
dimensions (WxHxD)	361 x 24,1 x 256 mm
weight	2,0 kg
color	silver/black
particularity	
device property	New List Value
power supply	
battery type	lithium-ions
embedded battery	no
technology	4 cells
capacity	32 WH
hint	6 months warranty on battery
battery runtime	6,5 Hours
battery runtime note	New List Value
power supply	45 Watt, external
	45 Watt, external Input: 100-240V AC / 50-60Hz / 1,4A Output: 19V DC / 2,37A
power supply efficiency	VI
power supply connector dimensions	New List Value (Outside x Inside x Length)
Service	
Service	2 years Pick-Up & Return
System	
scope of supply	incl. battery and power supply
Widening	
free internal slots 2.5"	1
Additional software	
additional software	free of adware
Ambient conditions	
Volume	Is your notebook too noisy for daily office use? Try the "Silent Mode" of the Control Center of your notebook. For more information, please refer to the documents under "Downloads + Links".
operating	5°C to 35°C

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temperature	
atmospheric humidity	20% to 80% (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