

Article-No.: 151044

## exone Thin Client Entry X14

N100 IGEL Ready \*fanless\*

### Technical data

#### Operating system

<b>installed operating system</b>	IGEL OS11 Workspace Edition pre-installed IGEL Subscription must be purchased separately
<b>hint</b>	IGEL Subscription must be purchased separately

#### Mainboard Industry

<b>manufacturer</b>	Kontron®
<b>marking</b>	K391-H1
<b>form factor</b>	Mini-STX
<b>socket</b>	CPU vibration resistant soldered

<b>CPU onBoard</b>	Intel® Alder Lake-N100 Prozessor (4x up to 3,40 GHz, UHD Graphics, 6MB Cache)
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<b>chipset</b>	SoC
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<b>working memory max.</b>	1x SO-DIMM DDR5 PC4800, max. 32GB
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<b>memory max. size</b>	32 GB
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<b>memory Slots</b>	1
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<b>memory Technology</b>	DDR5 SO-DIMM
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<b>graphic onBoard</b>	Intel® UHD Graphics
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<b>max. resolution DisplayPort</b>	7,680 x 4,320 pixels @60Hz (DisplayPort 1.4a)
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#### network

<b>network chipset I</b>	Realtek RTL8111H
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<b>transmission rate</b>	10/100/1000 Mbps
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<b>PXE support</b>	yes
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<b>Wake on LAN (WOL) support</b>	yes
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#### audio

<b>audio chipset</b>	Realtek ALC 256
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<b>sound mode</b>	high definition
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#### interfaces in front

<b>audio</b>	Microphone, headphones
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#### rear interfaces

<b>USB 3.2</b>	4
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<b>DisplayPort</b>	2
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<b>LAN (RJ-45)</b>	1
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<b>DC-IN</b>	1
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<b>expansion slots</b>	1x M.2 M-key 2230/2242/2280, 1x M.2 E-key 2230
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#### expansion slots

<b>M.2 Key-M PCIe NVMe</b>	1
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### Highlights



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<b>M.2 Key-E WLAN</b>	1
<b>internal interfaces</b>	
<b>USB 2.0</b>	3
<b>RS-232</b>	1
<b>Trusted Platform Module (TPM)</b>	yes (TPM 2.0)
<b>eDP Embedded Displayport</b>	1
<b>S/PDIF</b>	yes
<b>SATA3 (6Gb/s)</b>	1
<b>operating voltage I</b>	12V DC
<b>operating voltage II</b>	19 - 28V DC
<b>24-hour continuous operation</b>	yes
<b>Main storage</b>	
<b>size</b>	8 GB
<b>technology</b>	DDR5 SO-DIMM
<b>form factor</b>	SO-DIMM
<b>connector</b>	262-pole
<b>speed</b>	4800 MHz
<b>tension</b>	1,1 V
<b>clock value</b>	40
<b>Hard disk</b>	
<b>memory capacity</b>	64 GB
<b>type</b>	M.2 2242
<b>interface</b>	M.2 SATA with 6 Gb/s
<b>24-hour continuous operation</b>	yes
<b>Housing Industry</b>	
<b>manufacturer</b>	Kontron®
<b>type</b>	Mini PC
<b>form factor</b>	Mini-STX
<b>Front interface USB 3.2 Gen1 (5GBit/s) Type-C™</b>	1
<b>Front interface USB 3.2 Gen1 (5GBit/s)</b>	1
<b>front interface Audio</b>	2
<b>power switches</b>	yes
<b>particularity</b>	ultra-compact metal housing incl. stand
<b>installation option</b>	feet, wall mounting
<b>VESA</b>	required VESA kit not included, optionally available as accessory (VESA 100 x 100 mm)
<b>can be used vertically</b>	yes
<b>horizontally applicable</b>	yes



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<b>safety</b>	Kensington Lock
<b>color</b>	black
<b>dimensions (W x H x D)</b>	147 x 36 x 165 mm
<b>Power supply</b>	
<b>manufacturer</b>	delta electronics
<b>form factor</b>	outboard
<b>type</b>	outboard
<b>power</b>	65 Watt
<b>refrigeration</b>	unfavourable
<b>input voltage range</b>	100 - 240V AC V
<b>current draw</b>	1,5 A
<b>efficiency level</b>	VI
<b>output voltage</b>	19 V
<b>output voltage Ampere</b>	3,42 A
<b>hollow plug Outer diameter</b>	5,5 mm
<b>hollow plug Depth</b>	12 mm
<b>hollow plug inner diameter</b>	2,5 mm
<b>plug for external power supply unit</b>	Hollow plug 5,5mm x 2,5mm x 12mm
<b>hollow plug Polarity</b>	Plus inside
<b>hollow plug angle</b>	90°
<b>current supply</b>	IEC2 shaver plug
<b>width</b>	45 mm
<b>hight</b>	30 mm
<b>depth</b>	105 mm
<b>heart rate</b>	50 - 60 Hz
<b>CE</b>	yes
<b>TÜV</b>	TÜV Rheinland
<b>GS</b>	Yes
<b>RoHS</b>	yes
<b>EAC</b>	ja
<b>Service</b>	
<b>Service</b>	2 years bring-in incl. replacement of parts in advance
<b>System</b>	
<b>Scope of supply</b>	
<b>scope of supply</b>	without mouse and keyboard - individually and optionally selectable
<b>Additional software</b>	
<b>additional software</b>	free of adware

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### Ambient conditions

<b>noise emission</b>	0 dB(A)
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### Certifications

<b>Blue Angel</b>	Our products meet the requirements of the Blue Angel
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<b>conformance</b>	CE
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<b>grade</b>	EXTRA Computer has a quality management system which is certified according to DIN ISO 9001
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