

Article-No.: 149984

exone Thin Client Entry X13

J4105 IGEL Ready *lüfterlos*

Technical data

Operating system

installed operating system	IGEL OS11 Workspace Edition pre-installed IGEL Subscription must be purchased separately
hint	IGEL Subscription must be purchased separately

Mainboard Accessories

Slot bracket extension

Mainboard Industry

manufacturer	Kontron®
marking	D3544-H2
form factor	Mini-STX
socket	CPU vibration resistant soldered
CPU onBoard	Intel® Celeron® J4105 Processor (4x 1.50 GHz up to 2.50 GHz with Intel® Burst Frequency Technology, 4M Cache)
chipset	SoC
working memory max.	1x SO-DIMM DDR4 PC2400, max. 16 GB
memory max. size	16 GB
memory Slots	1
memory Technology	DDR4-SDRAM
graphic onBoard	Intel® UHD Graphics 600
max. resolution DisplayPort	4,096 x 2,160 pixels @60Hz (DisplayPort 1.2)
network	
network chipset I	Realtek RTL8111G
transmission rate	10/100/1000 Mbps
PXE support	yes
Wake on LAN (WOL) support	yes
audio	
audio chipset	Realtek ALC 671
sound mode	5.1-channel high definition
rear interfaces	
USB 2.0	4
DisplayPort	2
LAN (RJ-45)	1
audio	1
DC-IN	1
expansion slots	1x M.2-SATA (2242/2280), 1x PCIe® M.2-WLAN (2230)



Highlights

IGEL Ready



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expansion slots

M.2 Key-B SATA	1
M.2 Key-E WLAN	1

internal interfaces

USB 3.2 Gen1 (5Gbit/s)	2
operating voltage I	19V DC

Main storage

size	4 GB
form factor	SO-DIMM
speed	3200 MHz
tension	1,2 V

Hard disk

memory capacity	64 GB
type	M.2 2242
interface	M.2 SATA with 6 Gb/s
24-hour continuous operation	yes

Housing Industry

manufacturer	Kontron®
type	Mini PC
form factor	Mini-STX
Front interface USB 3.2 Gen1 (5GBit/s)	2
front interface Audio	2
power switches	yes
particularity	ultra-compact metal housing incl. stand
installation option	feet, wall mounting
VESA	required VESA kit not included, optionally available as accessory (VESA 100 x 100 mm)
can be used vertically	yes
horizontally applicable	yes
safety	Kensington Lock
color	black
dimensions (W x H x D)	147 x 36 x 165 mm

Power supply

manufacturer	delta electronics
form factor	outboard
type	outboard
power	65 Watt
refrigeration	unfavourable



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input voltage range	100 - 240V AC V
current draw	1,5 A
efficiency level	VI
output voltage	19 V
output voltage Ampere	3,42 A
hollow plug Outer diameter	5,5 mm
hollow plug Depth	12 mm
hollow plug inner diameter	2,5 mm
plug for external power supply unit	Hollow plug 5,5mm x 2,5mm x 12mm
hollow plug Polarity	Plus inside
hollow plug angle	90°
current supply	IEC2 shaver plug
width	45 mm
high	30 mm
deepth	105 mm
heart rate	50 - 60 Hz
CE	yes
TÜV	TÜV Rheinland
GS	Yes
RoHS	yes
EAC	ja
Service	
Service	2 years bring-in incl. replacement of parts in advance
System	
Scope of supply	
scope of supply	without mouse and keyboard - individually and optionally selectable
Additional software	
additional software	free of adware
Ambient conditions	
noise emission	0 dB(A)
operating temperature	0°C to 35°C
atmospheric humidity	10% to 75% (non-condensing)
Certifications	
Blue Angel	Our products meet the requirements of the Blue Angel
conformance	CE

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grade

EXTRA Computer has a quality management system which is certified according to DIN ISO 9001