

Article-No.: 117559

## Calmo UNI Entry G9

J4005, 4GB, 120GB SSD

Efficient IPC with variety of interfaces

The Calmo UNI Entry is predestined for demanding control processes, automation applications or digital signage. With its low-maintenance electronics and Intel Embedded CPU, it is ideally equipped for use in control cabinets or behind complex display solutions. In addition to optional WiFi, the Calmo UNI Entry offers space for a low profile plug-in card, the housing can either be placed vertically or horizontally, mounted on the wall or employed on all common mounts using the optional adaptor. Lots of flexibility in a small space - Just use the Calmo UNI Entry.

### Technical data

#### Main storage

size	4 GB
technology	DDR4 SO-DIMM
form factor	SO-DIMM
connector	260-pole
speed	2666 MHz

#### Hard disk

memory capacity	120 GB
type	M.2 2242
interface	M.2 SATA with 6 Gb/s

#### Mainboard Industry

manufacturer	Kontron®
marking	D3543-S1
form factor	Mini-ITX
socket	CPU vibration resistant soldered

#### CPU onBoard

chipset	SoC
working memory max.	2x SO-DIMM DDR4 PC2400, max. 16 GB
memory max. size	16 GB
memory Slots	2
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	Intel® i210
transmission rate	10/100/1000 Mbps
network chipset II	Realtek RTL8111G
transmission rate	10/100/1000 Mbps
PXE support	yes
Wake on LAN (WOL) support	yes



### Highlights

- Optimized for operation on DIN-Rails
- Passive cooling
- LowProfile PCIe slot
- Available until 2024



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audio	
audio chipset	Realtek ALC 671
sound mode	5.1-channel high definition
rear interfaces	
USB 3.0	2
USB 2.0	2
PS/2	2
DisplayPort	2
LAN (RJ-45)	2
audio	line-in, line-out
serial	2
DC-IN	1
expansion slots	1x PCIe® x4, 1x miniPCIe® (half-size/full-size), 1x PCIe® M.2-SATA (2242/2260/2280), 1x PCIe® M.2-WLAN (2230)
expansion slots	
PCI Express x4 3.0	1
M.2 Key-B SATA	1
M.2 Key-E WLAN	1
internal interfaces	
USB 3.0	1
USB 2.0	2
USB 2.0 stick	1
parallel	1
GPIO	8-bit I/O
LVDS	yes
S/PDIF	yes
SATA3 (6Gb/s)	2
operating voltage I	8 - 36V DC
24-hour continuous operation	yes
Power supply	
manufacturer	MeanWell
form factor	outboard
type	table power pack
power	90 Watt
refrigeration	unfavourable
Suitable for	Calmo XS, Tiny Pro, Panel ThinClient
input voltage range	90 - 264V AC V
current draw	1,3 A
efficiency level	VI
output voltage	19 V
output voltage	4,74 A



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Ampere	
polarization	DC
hollow plug Outer diameter	5,5 mm
hollow plug Depth	9,5 mm
plug for external power supply unit	Hollow plug 5,5mm x 2,5mm x 9,5mm
hollow plug inner diameter	2,5 mm
hollow plug Polarity	Plus inside
hollow plug angle	90°
current supply	IEC14 connector (10A)
operating temperature range	-30°C to 70°C
storage temperature range	-40°C to 85°C
operating Humidity	20% to 90% (non-condensing)
humidity (storage)	10% to 95% (non-condensing)
width	60 mm
hight	32 mm
deepth	145 mm
heart rate	47 - 63 Hz
CCC	yes
FCC	yes
cUL	yes
TÜV	TÜV Rheinland
GS	Yes
RoHS	yes
EAC	ja
Service	
Service	2 years Bring-In
System	
Energy measuring	
Consumption in idle mode (S0)	8,12 Watt
Consumption in standby (S3)	2,32 Watt
Soft-Off consumption (S5)	2,17 Watt
TEC	47,01 kWh
Ambient conditions	
noise emission	approx. 25 dB(A)
operating temperature	0°C to 55°C
atmospheric humidity	0% to 90% (non-condensing)

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Certifications

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

Service note