

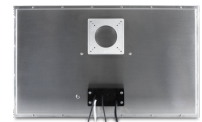
Article-No.: 147340

Calmo Panel-PC 21,5" IP69K stainless steel

i5-9500T, 8GB RAM, 250GB SSD, RFID, Funktionstasten, VESA, IP69K, W11Pro

Technical data

processor	Intel® Core™ i5-9500T (6x 2,20 GHz up to 3,70 GHz with Intel® Turbo-Boost-Technology, HD 630, 9M Cache)
Service	2 years Bring-In
installed operating system	Windows® 11 Pro 64-bit
slot bracket extension	1x serial (slot bracket with 9pin serial plug)
manufacturer	bicker
interface	internal 2mm COM
form factor	outboard
type	outboard
Power	10 Watt
input voltage range	9 - 36V DC
switch	no
mainboard	Powered by Kontron® - Made in Germany
width	32 mm
hight	23 mm
depth	78 mm
chipset	Intel® H310
hint	supports 8th and 9th generaion CPUs
working memory max.	2x SO-DIMM DDR4 PC2400/2666, max. 32 GB (supports dual channel memory architecture)
graphic onboard	Intel® HD Graphics, DirectX12 support (with appropriate CPU)
max. resolution HDMI	4,096 x 2,160 pixels @30Hz / 2,560 x 1,600 pixels @60Hz (HDMI 1.4)
max. resolution DisplayPort	4,096 x 2,304 pixels @60Hz (DisplayPort 1.2)
graphic note	Intel® H310 chipset supports only the simultaneous operation of max. 2 monitors
network	Realtek RTL8111E, 10/100/1000 MBit/s
PXE support	yes
Connector for ext. power supply	screw terminals
Wake on LAN (WOL) support	yes
Power supply	screw terminals
audio	Realtek ALC 255 5.1-Channel High Definition Audio
rear interfaces	2x USB 3.2 Gen1 (5GBit/s), 2x USB 2.0, 1x PS/2 for keyboard/mouse, HDMI, DisplayPort, LAN, Audio, DC-In
Note monitor interfaces	HDMI 1.4 DisplayPort 1.2
expansion slots	1x PCIe® M.2-SATA (2280), 1x PCIe® M.2-WLAN (2230)
M.2 for SSD	1
hint	for M.2 SSD (2280 SATA/PCIe® x4,



Highlights

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	AHCI/NVMe®)
M.2 for WLAN	1
hint	for WLAN module
internal interfaces	1x USB 3.2 Gen1 (5Gbit/s), 2x USB 2.0, serial, TPM, 2x SATA3 (6Gb/s)
hint	RS-232 only internal, not accessible from outside
Trusted Platform Module (TPM) Header	yes
Trusted Platform Module (TPM)	Intel® TPM V2.0
24-hour continuous operation	yes
maker	Calmo
screen diagonal	21.5" (54.61 cm)
Maximum resolution	1,920 x 1,080 pixels (FHD)
touch technology	Projected capacitive touch (P-cap)
pane	Reflective glass pane (glare)
usability	Multi-Touch (10 fingers)
Processor onboard	Intel® Core™ i5-9500T Prozessor (6x 2,20 GHz up to 3,70 GHz with Intel® Turbo-Boost-Technology, UHD630, 9M Cache)
installed operating system	Windows® 11 Pro 64-bit
installed memory	8 GB DDR4
installed hard disk	250 GB SSD 2.5" SATA3 with 6 Gb/s
mainboard	Powered by Kontron® - Made in Germany
Working memory max.	2x DDR4 PC2400, max. 32 GB
audio	Intel® High Definition Audio
Rear interfaces	2x USB 3.1 Gen1, 1x DisplayPort, 1x LAN, 1x Serial, 1x AC-In (interfaces led out of the device via 5m cable and waterproofed)
Note Panel PC interfaces	all interfaces are led out of the device by means of 5m cables on the back and pressed watertight
expansion slots	1x M.2 2280 M-key (PCIe® x4), 1x M.2 2230 E-key
operating temperature range	0°C to 55°C
IP protection class (front side)	IP 69K
IP Protection class (rear)	IP 69K
advice	Protection class available on all sides
Dimensions (WxHxD)	637,5 x 389 x 81 mm
ventilation	fanless
installation option	Wall mounting via VESA 75 or 100 possible
advice	Touch control panel (1=power, 2=touch off, 3-7=configurable function keys, 8=RFID reader)
heaviness	14 kg
loudness	0 dB(A)
24/7 continuous	yes



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operation	
grade	EXTRA Computer has a quality management system which is certified according to DIN ISO 9001
Available until	2024
guarantee	2 years Bring-In Extension on request