RUGGED T1000

Industrial vehicle & outdoor PC

The **RUGGED T1000** from spo-comm is a more robust MiniPC, the especially for the hard Use in the Vehicle- and OutdoorRange developed was. Thanks to his Passive cooled Housing works he reliable in one extended Temperature range from **-40 °C up to +70 °C** and accepts a **widerangecurrent input from 9-48 V**. With his numerous Expansion options and one Variety on Connections suitable itself the T1000 ideal for Applications in Industry, Transportation, Digital Signage or Vehicle installations.

Technische Daten

System

CPU	Intel® Core i5-10500TE (FCLGA1200, 6 cores)
CHIPSET	Intel® Q470E
GPU	NVIDIA® Quadro® T1000 Mobile Intel® UHD Graphics 630
RAM	16 GB SO-DDR4 (optional up to 64GB)
SSD / HDD	512 GB M.2 PCIe 3.0 NVMe (optional up to 1TB) 2 x 2.5? SATA3 SSD/HDD

I/Os

Front	8 x LAN RJ45 GbE (Intel® i210-AT) 2 x HDMI 2.0b // 4096×2160@60Hz (MXM Graphics) 2 x SIM Card Socket 2 x 2.5” Drive Bay for HDD / SSD (RAID 0,1,5)
Back	3 x audio (Mic In, Line Out, Line In) 3 x DP 1.2 // 4096×2340@60Hz (Intel® GPU) 4 x USB 3.2 Gen1 Type A 2 x LAN RJ 45 GbE (Intel® i210-AT + i219LM) 3 x COM RS 232/422/485 (CAN optional) 1 x GPIO (8 x DI & 4 x DO; COM optional) 1 x DC-IN Phoenix

Environment / Mass

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Do you need consultation?
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Dimensions (W x D x H)	260mm x 250mm x 95mm
Ambient temperature (operation)	-40°-70°C
Cooling	passive at 0.6 m/s air flow rate
Idle power consumption in W	28
Mounting bracket	Wall bracket (included)

Extensions

M.2	KeyM 2280 (occupied) KeyB 3042 KeyA-E – 2230
mPCIe	3 x

Miscellaneous

Operating system	Windows 10 / 11 / Linux
PSU	optional; 9V – 48V DC power input
Standards & Certificates	CE, FCC Class A, E-Mark, ECE R118, EN 50155, EN 45545-2 R25, MIL-STD-810G
Special features	In multi-GPU mode, the maximum independent resolution is 1920×1200.
Class A warning	The device is intended for use in industrial environments. Operation of this device may cause radio interference in residential areas.
Warning for 802.11a use	If you want to use the WLAN module according to 802.11a in the 5 GHz range: Use in the 5150 MHz – 5350 MHz frequency range is only permitted indoors!

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