

Tranquil Rugged Desktop - Intel 11th Gen Mobile vPro - IP51

Powerful small form factor desktop solution

Our 11th Rugged desktop where performance is not compromised: the product can houses an i5 4 core processor despite its small size and the remote management capability of vPro can be leveraged to manage and monitor estates of equipment.

Its 2 video outputs make this little system great for workstations, whilst its high IP rating enables it to run in less than clean environments 24/7.



Key Features

- Processor: i5
- Operating Range: -10C to 25C
- Intel vPro
- 2.5Gbe LAN

Key benefits of FANLESS and RUGGED computers



No fans obviously means no noise, but it's not the only benefit!



No fans allow an important decrease in power consumption, making our products more sustainable!



A fanless computer eliminates the risk to draw in dust and dirt from the environment, the cause of potential failures and costly downtime.



The absence of moving parts enable our products to resist shocks and vibrations, for an increased reliability.



They are built to withstand harsh and constrained working conditions.



High Ingress Protection (IP) rating, indicating the protection level of products against both solid and liquids in electrical enclosures.



The in-house designed and milled aluminium chassis is optimized for efficient passive cooling and durability. Its conception proved their reliability in extended operating temperatures.



The aluminium used for the chassis production is repurposed and recycled, and the production waste is recycled too!

Tranquil Rugged Desktop - Intel 11th Gen Mobile vPro - IP51



Rear view

Technical Specification

Processor	Intel i5 1145G7 - 4 core / 8 threads - 2.60 Ghz		
Memory	Slots: 2 x SO-DIMM Slots MAX Capacity: 64GB Type: DDR4-3200 1.2V SO-DIMM ECC Support: No	Storage	2TB M.2 NVME 2280 / 4TB 2.5" SSD
Graphics Controller	intel Iris Xe Graphics	Graphics Interface	2 x HDMI 2.0b - 4096 x 2304 @ 60Hz 2 x Thunderbolt Port (Display Port 1.4 - 7680 x 4320 @ 60HZ)
Network Interface	i225-LM - 1 x RJ45 - 10/100/1000/2500 Mbps	Network Options	AC 9260 - Wifi + Bluetooth - IEEE 802.11ac - 2.4GHz/5GHz AX201 - Wi-Fi 6 + Bluetooth 5.1 - IEEE
Network Feature	Wake-On-Lan Uefi PXE	Remote Management	Intel vPro Technologies
Hardware Monitoring	Hardware Watchdog	Supported OS	Windows 10 Windows 10 IOT Enterprise Windows Server 2019 Linux
Encryption	TPM 2.0		
Power Input	2.5 x 5.5mm DC Jack		
Input Voltage	12 - 24V		
Consumption	14-52w		

Physical Specification

I/O Front	Power Switch, 2 x USB 3.2 Gen 2	LED Front	Power LED
I/O Rear	1x COM, DC-In 12-24V, 1x RJ45 for LAN, 1x USB3.2 Gen 2, 1 x USB 2.0 ,2 x Thunderbolt (DP and USB 3.2 Gen 2) 2x HDMI	LED Rear	Network Uplink/Activity
I/O Optional	Dual Wireless Antenna	COM Port Option	RS232
Operational Temp	-10C to 25C (14F to 77F)	Storage Temp	-20°C to 70°C (-4F to 158F)
Maximum relative humidity	5% to 95%	Cooling Type	Passive Cooling
Size	243 x 88 x 115mm	Weight	1.9KG
Accessories	Power supply, power cord, Base plate Doubles	Optional Accessories	Wireless Antenna
Certifications	CE	Warranty	3 Years