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Tranquil Mini Rugged - Intel 7th Gen Mobile Dual LAN - IP51

Our Mini Rugged range offers an array of processors options, IP rating levels, and both modern and legacy I/O

The Mini Rugged is our entry level computer, which has great flexibility including legacy IO such as VGA and RS232. Other features include HDMI, USB3.0 and powered by up to an i7. The Mini Rugged is a versatile product ensuring reliability with a wide range of I/O options.



Key Features

- Processor: i3 up to i7
- Operating Range: -15C to 50C
- Dual 1Gbe LAN
- Maintenance free
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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 vibrations, for an increased reliability.



They are built to withstand shocks and to be used in restricted spaces.



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.



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

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Rear view

Technical Specification

Processor	Intel i3 7020U - 2 Cores / 4 Threads - 2.30 GHz - 3MB Cache Intel i5 7200U - 2 Cores / 4 Threads - 2.50 GHz - 3MB Cache Intel i7 7500U - 2 Cores / 4 Threads - 2.70 GHz - 4MB Cache		
Memory	Slots: 2x SO-DIMM Slots MAX Capacity: 32GB Type: DDR3L-1600 1.35V SO-DIMM ECC Support: No	Storage	4TB 2.5" SSD /
Graphics Controller	Intel HD Graphics 610 or 620 (depending on CPU)	Graphics Interface	1x HDMI 1.4a – 4096 x 2304 @24hz 1x VGA – 1920 x 1200 @ 60HZ
Network Interface	RTL8111F - 2 x RJ45 - 10/100/1000 Mbps	Network Options	RTL8188EE - Wi-Fi IEEE 802.11 b/g/n - 2.4GHz/5GHz RTL8188EE - Wi-Fi + Bluetooth IEEE 802.11 b/g/n - 2.4GHz/5GHz - Dual Band 4G option
Network Feature	Wake-On-Lan PXE	Remote Management	
Hardware Monitoring	Watchdog On-Board	Supported OS	Windows 7 - 32/64 bit Windows 10 - 32/64 bit Linux
Encryption	TPM 2.0		
Power Input	2.5 x 5.5mm DC Jack		
Input Voltage	12-19V		
Consumption	15-35w		

Physical Specification

I/O Front	Power/reset switch	LED Front	Power
I/O Rear	2x COM, DC-In 12-19V, 2x RJ45 for LAN, 2x USB2.0, 2x USB3.0, 1x VGA, 1x HDMI, Line out, MIC In	LED Rear	Network Uplink/Activity
I/O Optional	Dual Wireless Antenna	COM Port Option	RS232/422/485
Operational Temp	-15C to 50C (5F to 122F)	Storage Temp	-20C to 60C (-4F to 140F)
Maximum relative humidity	5% to 95%	Cooling Type	Passive Cooling
Size	49 x 208 x 180mm	Weight	2.4KG
Accessories	Power supply, power cord, vesa/wall bracket	Optional Accessories	Wireless Antenna
Certifications	CE	Warranty	3 Years