TRANQUIL IT
ALL TERRAIN

Tranquil Mini Rugged - Intel 7th Gen Mobile Dual LAN - IP66

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

The Mini Rugged IP66 is the go anywhere computer for extreme environments: powered by up to an i7, the Mini Rugged's strong design enables it to adapt to the harshest operating circumstances. Whether exposed to dust, water, or wide temperature ranges, in an industrial context or outdoor, this product can be used in the most demanding conditions.

Key Features

→ Processor: i3 up to i7

→ Operating Range: -20C to 70C

→ IP66 Weather Proof

→ Dual 1Gbe LAN

→ Maintenance free

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, indication 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 IT ALL TERRAIN logo]

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Tranquil Mini Rugged - Intel 7th Gen Mobile Dual LAN - IP66

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	IP68 Buccaneer 400 3 Pin Power Socket		
Input Voltage	110-230V		
Consumption	15-35w		

Physical Specification

I/O Front	Power/reset switch	**LED Front**	Power
I/O Rear	IP68 Power Socket - Behind Panel Entry: 2x RJ45 for LAN, 2x USB3.0, 1x VGA, 1x HDMI, Line out, MIC In	**LED Rear**	
I/O Optional	Dual Wireless Antenna	**COM Port Option**	
Operational Temp	-20C to 70C (-4F to 158F)	**Storage Temp**	-20C to 60C (-4F to 140F)
Maximum relative humidity	5% to 95%	**Cooling Type**	Passive Cooling
Size	60 x 208 x 263mm	**Weight**	3.4KG
Accessories	IP66 Power Cord, vesa/wall bracket	**Optional Accessories**	Wireless Antenna
Certifications	CE	**Warranty**	3 Years

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