

## ▼ TRANQUIL

# 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 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

<b>Processor</b>	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		
<b>Memory</b>	Slots: 2x SO-DIMM Slots MAX Capacity: 32GB Type: DDR3L-1600 1.35V SO-DIMM ECC Support: No	<b>Storage</b>	4TB 2.5" SSD /
<b>Graphics Controller</b>	Intel HD Graphics 610 or 620 (depending on CPU)	<b>Graphics Interface</b>	1x HDMI 1.4a – 4096 x 2304 @24hz 1x VGA – 1920 x 1200 @ 60HZ
<b>Network Interface</b>	RTL8111F - 2 x RJ45 - 10/100/1000 Mbps	<b>Network Options</b>	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
<b>Network Feature</b>	Wake-On-Lan PXE	<b>Remote Management</b>	
<b>Hardware Monitoring</b>	Watchdog On-Board	<b>Supported OS</b>	Windows 7 - 32/64 bit Windows 10 - 32/64 bit Linux
<b>Encryption</b>	TPM 2.0		
<b>Power Input</b>	IP68 Buccaneer 400 3 Pin Power Socket		
<b>Input Voltage</b>	110-230V		
<b>Consumption</b>	15-35w		

#### Physical Specification

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