

## Fanless Mini - Intel 10th Gen Mobile - IP66

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

The Fanless Mini Rugged IP66 is the go anywhere computer for extreme environments: powered by up to an i7 processor, the Fanless 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 50C
- fTPM 2.0 (Intel PTT)
- 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!

# FM-10M-66

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Rear view (some features shown maybe options)

### Technical Specification

<b>Processor</b>	Intel i3 10110U - 2 core / 4 threads - 2.10 Ghz / 4.10 Ghz Turbo 4MB Cache Intel i5 10210U - 4 core / 8 threads - 1.60 Ghz / 4.20 Ghz Turbo 6MB Cache Intel i7 10710U - 6 core / 12 threads - 1.10 Ghz / 4.70 Ghz Turbo 12MB Cache		
<b>Memory</b>	<b>Slots:</b> 2 x SO-DIMM Slots <b>MAX Capacity:</b> 64GB <b>Type:</b> DDR4-2666 1.2V SO-DIMM <b>ECC Support:</b> No	<b>Storage</b>	Storage 1 Max: 4TB M.2 NVME 2280 PCIe 3.0 x4 Storage 2 Max: 8TB 2.5" SATA SSD
<b>Graphics Controller</b>	Intel UHD Graphics for 10th Gen Intel Processors	<b>Graphics Interface</b>	1 x DisplayPort 1.2 - 4096 x 2160 @ 60HZ 1x HDMI 1.4 – 4096 x 2160 @30HZ
<b>Network Interface</b>	RTL8188EE - Wi-Fi 4 IEEE 802.11 b/g/n - 2.4GHz	<b>Network Options</b>	RTL8188EE - Wi-Fi 4 IEEE 802.11 b/g/n - 2.4GHz RTL8821AE - Wi-Fi 5 IEEE 802.11 b/g/n/ac - 2.4GHz/5GHz Dual Band + Bluetooth 4.0 4G Option (instead of WiFi): Quectel LTE EC25
<b>Network Feature</b>	Wake-On-Lan PXE (UEFI and Legacy)	<b>Remote Management</b>	N/A
<b>Hardware Monitoring</b>	Watchdog On-Board	<b>Supported OS</b>	Windows 10 - 64 bit Windows 11 - 64 bit Linux
<b>Encryption</b>	fTPM 2.0 (Intel PTT)		
<b>Power Input</b>	IP68 Buccaneer 4000 3 Pin Power Socket		
<b>Input Voltage</b>	110-230V		
<b>Consumption</b>	10 - 60w		

### Physical Specification

<b>I/O Front</b>	Power Switch	<b>LED Front</b>	Power
<b>I/O Rear</b>	IP68 Power Socket, Behind Panel Entry: 2x RJ45 for LAN, 2x USB 3.0, 1x Display Port, 1x HDMI, 1 x 3.5mm Audio-Out, 1 x 3.5mm Mic-In	<b>LED Rear</b>	
<b>I/O Optional</b>	Dual Antenna	<b>COM Port Option</b>	
<b>Operational Temp</b>	-20c to 50c (-4F to 122F)	<b>Storage Temp</b>	-20c to 80c (-4F to 176F)
<b>Maximum relative humidity</b>	5% to 95%	<b>Cooling Type</b>	Passive Cooling
<b>Size</b>	60 x 208 x 263 mm	<b>Weight</b>	3.4 KG
<b>Accessories</b>	IP66 Power Cord	<b>Optional Accessories</b>	Wireless Antenna, Wall Mount Kit
<b>Certifications</b>	CE, UKCA, RoHS, FCC , WEEE	<b>Warranty</b>	3 years

UK RoHS FC CE

