TRANQUIL IT
ALL TERRAIN

Fanless Mini - Intel 13th 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 13th Gen is the go anywhere computer for extreme environments: powered by Intel 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: i5 up to i7
→ Operating Range: -10C to 60C
→ 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!

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Rear view *(some features shown maybe options)*

Technical Specification

Processor	Intel i5 1335U - 10 Cores / 12 Threads - 3.40 GHz - 12MB Intel Smart Cache Intel i7 1355U - 10 Cores / 12 Threads - 3.70 GHz - 12MB Intel Smart Cache		
Memory	**Slots:** 2 x SO-DIMM Slots **MAX Capacity:** 64GB **Type:** DDR4-3200 1.2V SO-DIMM **ECC Support:** No	**Storage**	Storage 1 Max: 4TB M2.NVME 2280 Storage 2 Max: 8TB 2.5" SATA SSD
Graphics Controller	Intel (R) UHD Graphics	**Graphics Interface**	1 x DisplayPort 4096 x 2160 @ 60Hz 1 x HDMI 2.0 4096 x 2160 @ 60Hz
Network Interface	I219-V - 1 x RJ45 - 10/100/1000 Mbps RTL8111H - 1 x RJ45 - 10/100/1000 Mbps	**Network Options**	802.11 a/b/g/n /ac - Wifi + Bluetooth 4.0 AX210 - Wi-Fi 6E IEEE 802.11 b/g/n/ac/ax - 2.4GHz/5GHz/6GHz + Bluetooth 5.3 4G Option
Network Feature	Wake-On-Lan PXE or UEFI PXE	**Remote Management**	N/A
Hardware Monitoring	Watchdog On-Board	**Supported OS**	Windows 10 - 64 bit Windows 11 - 64 bit Linux Linux Ubuntu
Encryption	fTPM 2.0 (Intel PTT)		
Power Input	IP68 Buccaneer 4000 3-pin Power Socket		
Input Voltage	110-230V		
Consumption	84 - 120w		

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 Display Port, 1x HDMI, 1 x 3.5mm Audio-Out, 1 x 3.5mm Mic-In, Sim Slot	**LED Rear**	
I/O Optional	Dual Antenna	**COM Port Option**	
Operational Temp	-10c to 60c (14F to 140F)	**Storage Temp**	-20c to 70c (-4F to 158F)
Maximum relative humidity	5% to 95%	**Cooling Type**	Passive Cooling
Size	60 x 208 x 236 mm	**Weight**	3.4 KG
Accessories	IP66 Power Cord	**Optional Accessories**	Wireless Antenna, Wall Mount Kit
Certifications	CE, UKCA, RoHS, FCC , WEEE	**Warranty**	3 Years

UK CA RoHS FC CE