

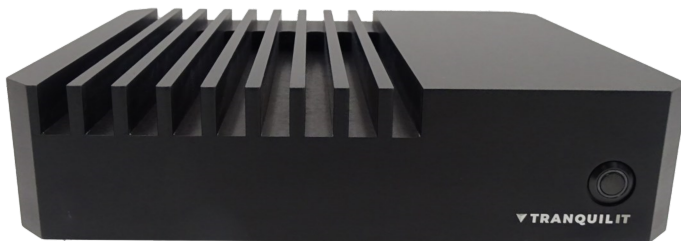
# TRANQUILIT

## ALL TERRAIN

Fanless Mini - AMD V2000  
Embedded Quad Display - IP51

**Our latest Fanless AMD Mini Range offers multiple display ports and AMD Radeon Graphics**

The Fanless Mini AMD Ryzen V2000 embedded system offers high-performance computing with its quad-core architecture. With 4x4K display ports and AMD Radeon Graphics supporting immersive visuals across multiple displays. Its fanless design ensures silent operation and its IP51 rating adds durability in challenging environments. Ideal for applications demanding efficient multitasking and robust graphics capabilities.



### Key Features

- Processor: V2516
- Operating Range: -10C to 50C
- Integrated Radeon™ Graphics, supports for 4 x 4K displays
- 1x Realtek 1Gbe LAN, 1x Realtek 2.5Gbe 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!

Fanless Mini - AMD V2000 Embedded Quad Display - IP51



Rear view (some features shown maybe options)

Technical Specification

<b>Processor</b>	AMD V2516 - 6 Cores / 12 Threads - 2.10 GHz - 3MB Cache		
<b>Memory</b>	Slots: 2x SO-DIMM Slots MAX Capacity: 64GB Type: Dual Channel DDR4 3200 MHz ECC Support: Yes	<b>Storage</b>	Storage 1 Max: 4TB M.2 (Key M, 2242/2260/2280) with SATA3 and PCIe x4 for SSD Storage 2 Max:
<b>Graphics Controller</b>	AMD Radeon™ Graphics 1500 MHz	<b>Graphics Interface</b>	3 x DP 1.2a, Max resolution up to 3840x2160 @60Hz 1 x DP 1.4, Max resolution up to 5120x2880 @120Hz
<b>Network Interface</b>	RJ45 - Realtek RTL8125BG with 10/100/1000/2500 Mbps RJ45 - Realtek R8111EPV with 10/100/1000 Mbps	<b>Network Options</b>	AX201 - Wi-Fi 6 + Bluetooth 5.2 - IEEE 802.11 b/g/n/ac/ax - 2.4GHz/5GHz
<b>Network Feature</b>	Support DASH	<b>Remote Management</b>	N/A
<b>Hardware Monitoring</b>	Hardware Watchdog	<b>Supported OS</b>	Windows 10 x 64 Windows 11 x 64
<b>Encryption</b>	TPM 2.0		
<b>Power Input</b>	2.5 x 5.5mm DC Jack (Screw Type)		
<b>Input Voltage</b>	12-28V		
<b>Consumption</b>	12 - 48w		

Physical Specification

<b>I/O Front</b>	Power Switch	<b>LED Front</b>	Power LED
<b>I/O Rear</b>	2 x COM, DC-In 12-28V, 2x RJ45 for LAN, 2x USB2.0, 2x USB3.0, 4x Display Port, Line out, MIC In	<b>LED Rear</b>	Network Uplink/Activity
<b>I/O Optional</b>	Dual Antenna	<b>COM Port Option</b>	1 x COM (RS-232) 1 x COM (RS-232/422/485)
<b>Operational Temp</b>	-10c to 50c (14F to 122F)	<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>	49 x 208 x 180 mm	<b>Weight</b>	2.4 KG
<b>Accessories</b>	Power Supply, Power cord	<b>Optional Accessories</b>	Wireless Antenna, VESA KIT
<b>Certifications</b>	CE, UKCA, RoHS, FCC , WEEE	<b>Warranty</b>	3 years