TRANQUIL IT
ALL TERRAIN

Fanless Mini - AMD Ryzen V1000 Embedded Quad Display

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

Powered by AMD Ryzen V1000, this Fanless Mini Rugged system boasting 4 display ports each capable of 4K video output is ideal for scenarios where multiple displays are required . Just to name a few possible applications: high resolution embedded uses such as electronic gaming machines, medical imaging, interactive digital signage, thin clients, POS terminals, CCTV... and certainly many more!

Key Features

→ Processor: V1605B

→ Operating Range: 0C to 40C

→ Supports four 4K displays

→ 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!

A**2**crsi **Brand**

Fanless Mini - AMD Ryzen V1000 Embedded Quad Display - IP51

Rear view *(some features shown maybe options)*

Technical Specification

Processor	AMD Ryzen V1605B - 4 Cores/ 8 Threads - 2.00 GHz / 3.60 GHz Turbo - 2MB Cache (Shared)

Memory	**Slots:** 2x SO-DIMM Slots **MAX Capacity:** 32GB **Type:** DDR4-2400 1.2V SO-DIMM **ECC Support:** Yes - Optional	**Storage**	Storage 1 Max: 2TB M.2 SATA 2280
Graphics Controller	AMD Vega 8 GPU	**Graphics Interface**	4x DisplayPort 1.4 - 4096 x 2304 @ 60Hz
Network Interface	RTL8111G - 2 x RJ45 - 10/100/1000 Mbps	**Network Options**	AX210 - Wi-Fi 6E IEEE 802.11 b/g/n/ac/ax - 2.4GHz/5GHz/6GHz + Bluetooth 5.3
Network Feature	Wake-On-Lan PXE (UEFI and Legacy)	**Remote Management**	N/A
Hardware Monitoring	Watchdog On-Board	**Supported OS**	Windows 10 - 64 bit Linux
Encryption	TPM 2.0 (Infineon SLB9670)		
Power Input	2.5 x 5.5mm DC Jack		
Input Voltage	12-19V		
Consumption	12-35w		

Physical Specification

I/O Front	Power Switch, 1 x 3.5mm Audio-Out, 1 x USB-C 3.1, USB2.0, 1 x 3.5mm Mic-In	**LED Front**	Power
I/O Rear	1 x COM, DC-In 12-19V, 2x RJ45 for LAN, 2x USB2.0, 4x Display Port	**LED Rear**	Network Uplink/Activity
I/O Optional	Dual Antenna	**COM Port Option**	RS232/RS422/RS485 RS485
Operational Temp	0c to 40c (32F to 104F)	**Storage Temp**	-20c to 80c (-4F to 176F)
Maximum relative humidity	10% to 90%	**Cooling Type**	Passive Cooling
Size	49 x 180 x 157 mm	**Weight**	1.7 KG
Accessories	Power supply, power cord, vesa/wall bracket	**Optional Accessories**	Wireless Antenna
Certifications	CE, UKCA, RoHS, FCC , WEEE	**Warranty**	3 Years

UK CA RoHS FC CE

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