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▼ TRANQUIL

Tranquil Mini Rugged - AMD Ryzen Embedded Quad Display - IP51

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 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: V1202B - 1605B

→ Operating Range: 0C to 30C

→ 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 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!

2CRSi | **www.2crsi.com** | **contact@2crsi.com** | **Tranquil** | **www.all-terrain-it.com**
Specifications are subject to change. Please check with sales representative for latest revision.

MR-R1EQD-51
Version*: 1.07*

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Rear view

Technical Specification

Processor	AMD Ryzen V1202B - 2 Cores/4 Threads - 2.30 GHz / 3.20 GHz Turbo - 1MB Cache (Shared) 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: DDR4-3200 1.2V SO-DIMM ECC Support: Yes - Optional	**Storage**	2TB M.2 SSD 2280 / OR 2TB M.2 NVME 2280
Graphics Controller	AMD Vega GPU – Max Share memory – 1MB	**Graphics Interface**	4x DisplayPort 1.4 - 4096 x 2304 @ 60Hz
Network Interface	RTL8111G - 2 x RJ45 - 10/100/1000 Mbps	**Network Options**	AC 7265 - Wi-Fi + Bluetooth IEEE 802.11 ac - 5GHz - Dual Band
Network Feature	Wake-On-Lan PXE	**Remote Management**	
Hardware Monitoring	Watchdog On-Board	**Supported OS**	Windows 10 - 32/64 bit Linux
Encryption	TPM 2.0		
Power Input	2.5 x 5.5mm DC Jack		
Input Voltage	12-19V		
Consumption	12-35w		

Physical Specification

I/O Front	Power/reset switch, Line-Out, USB3.1 Type C, USB2.0, 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, UID LED
I/O Optional	Dual Wireless Antenna	**COM Port Option**	RS232/422/485
Operational Temp	0C to 30C (32F to 86F)	**Storage Temp**	-20C to 80C (-4F to 176F)
Maximum relative humidity	10% to 90%	**Cooling Type**	Passive Cooling
Size	49 x 180 x 157mm	**Weight**	1.7KG
Accessories	Power supply, power cord, vesa/wall bracket	**Optional Accessories**	Wireless Antenna
Certifications	CE	**Warranty**	3 Years