

Compact Rugged - Intel 7th Gen Mobile - IP51

Powerful small form factor solution

Its small footprint makes the Compact Rugged ideal for locations where space is at a premium, such as kiosks or mobile transport applications. Performance is not compromised the solution can house up to an i7 processor despite its small size. Its 2 video outputs make this little system great for workstations or CCTV monitoring systems whilst its high IP rating enables it to run in less than clean environments 24/7.



Key Features

- Processor: i3 up to i7
- Operating Range: -10C to 60C
- Dual Display
- 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, 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. 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!

CR-7M-51

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Rear view (some features shown maybe options)

Technical Specification

Processor	Intel i3 7020U - 2 Cores / 4 Threads - 2.30 GHz - 3MB Cache Intel i5 7200U - 2 Cores / 4 Threads - 2.50 GHz - 3MB Cache Intel i7 7500U - 2 Cores / 4 Threads - 2.70 GHz - 4MB Cache		
Memory	Slots: 2x SO-DIMM Slots MAX Capacity: 32GB Type: DDR4-2133 1.2V SO-DIMM ECC Support: No	Storage	Storage 1 Max: 4TB 2.5" SSD Storage 2 Max: 500GB M.2 SSD 2260
Graphics Controller	Intel HD Graphics 610 or 620 (depending on CPU)	Graphics Interface	1 x MiniDisplay 1.2 - 4096 x 2160 @ 60HZ 1 x HDMI 1.4 - 4096 x 2160 @ 30HZ
Network Interface	i211-AT - 1 x RJ45 - 10/100/1000 Mbps	Network Options	RTL8188EE - Wi-Fi IEEE 802.11 b/g/n - 2.4GHz/5GHz
Network Feature	PXE	Remote Management	
Hardware Monitoring	Hardware Watchdog	Supported OS	Windows 7 - 32/64 bit Windows 10 - 32/64 bit Linux
Encryption			
Power Input	2.5 x 5.5mm DC Jack		
Input Voltage	12V		
Consumption	22-35w		

Physical Specification

I/O Front	Power Switch, 1x USB 3.0, 1x USB 3.0 Type C, 1x Line Out	LED Front	Power
I/O Rear	1x COM, DC-In 12V, 1x RJ45 for LAN, 2x USB3.0, 1x HDMI, 1x MDP	LED Rear	Network Uplink/Activity
I/O Optional	Dual Wireless Antenna	COM Port Option	RS232
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	53 x 185 x 113 mm	Weight	1.4 KG
Accessories	Power supply, power cord	Optional Accessories	Wireless Antenna
Certifications	CE	Warranty	3 Years