Tranquil Pico Rugged - Intel Celeron J Series Dual LAN - IP51

For those small footprint low performance needs

Our Pico rugged powered by Intel Celeron J3455 is ideal for thin clients and kiosks and digital signage applications. Its tiny foot print and zero maintenance needs make the production ideal for applications 24/7 operation is needed and downtime is unacceptable.

Key Features

→ Processor: Celeron J3455

→ Operating Range: -10C to 45C

→ Tiny foot print

→ Windows IOT support

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.
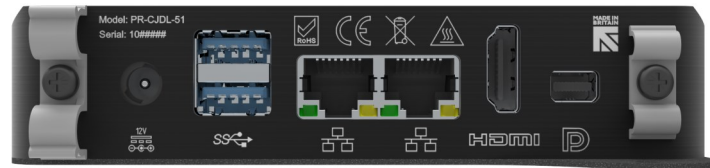
The in-house designed and milled aluminium chassis is optimized for efficient passive cooling and durability. Its conception proved their reliability in extended operating temperatures.

The aluminium used for the chassis production is repurposed and recycled, and the production waste is recycled too!

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Rear view

Technical Specification

Processor	Intel Celeron J3455 - 4 core / 4 threads - 1.50 Ghz / Burst 2.30 Ghz		
Memory	Slots: None MAX Capacity: 8GB Type: LPDDR4-2400 1.1V ECC Support: No	Storage	512GB M.2 SSD 2242 / 128GB MicroSD
Graphics Controller	Intel HD Graphics 500	Graphics Interface	1 X HDMI 1.4b - 3840 x 2160 @ 30Hz 1 x MiniDisplay Port - 3840 x 2160 @ 60Hz
Network Interface	i210 - 2 x RJ45 - 10/100/1000 Mbps	Network Options	
Network Feature	Wake-On-Lan	Remote Management	
Hardware Monitoring		Supported OS	Windows 10 IOT Enterprise 64 bit, eMMC Boost Windows 10 IOT Core, Redstone 64 bit Linux 64 bit, Yocto Linux Ubuntu
Encryption	TPM 2.0		
Power Input	2.1 x 5.5mm DC Jack		
Input Voltage	12V		
Consumption	4-11w		

Physical Specification

I/O Front	1 x RS232 Via 2mm 5 pin connection	LED Front	
I/O Rear	DC-in 12V, 2x RJ45 for LAN, 2 x USB 3.0, 1 x MDP, 1 x HDMI	LED Rear	Network Uplink/Activity
I/O Optional		COM Port Option	RS232
Operational Temp	-10C to 45C (14F to 113F)	Storage Temp	-40°C to 85°C (-40F to 185F)
Maximum relative humidity	5% to 95%	Cooling Type	Passive Cooling
Size	122 x 98 x 27mm	Weight	0.4KG
Accessories	Power supply, power cord, Base plate Doubles	Optional Accessories	
Certifications	CE	Warranty	2 Years