

DataSheet :ID PC 2L2C - Industrial PC

ID PC 2L2C – Compact Industrial Fanless Mini PC

Efficiency, reliability, and durability for industrial environments

The **ID PC 2L2C** from **Chip PC Technologies** is a compact and rugged fanless computer engineered for 24/7 industrial operation. Powered by the **Intel® N150 processor**, it delivers exceptional performance with ultra-low power consumption, ensuring stability and long-term reliability even in harsh conditions.

Designed in a solid **aluminum alloy chassis**, the ID PC 2L2C combines silent operation with maximum durability. Its **dual Gigabit LAN** and **dual COM ports** make it perfectly suited for industrial automation, digital signage, IoT applications, and embedded control systems.

Supporting up to **three independent displays** via HDMI and DisplayPort, it offers flexibility for monitoring, visualization, and production control. The ID PC 2L2C is compatible with both **Windows 11** and **ThinX OS**, enabling centralized management through **XcaliburW** for full control of your deployed devices.

With its fanless design, compact form factor, and extended temperature tolerance, the ID PC 2L2C ensures uninterrupted performance — wherever reliability matters most.

Technical Overview

Processor: Intel® N150, 4 cores / 4 threads, up to 3.6GHz

Graphics: Intel® UHD Graphics, triple display (2 × HDMI 1.4, 1 × DP 1.2)

Memory: 1 × SO-DIMM DDR4 up to 32GB (DDR4-2133/2666)

Storage: M.2 2280 NVMe, mSATA, SATA 3.0 for 2.5" SSD/HDD

Network: 2 × Gigabit LAN (Realtek 8111H, PXE, Wake-on-LAN)

I/O Interfaces: 2 × USB 3.0, 2 × USB 2.0, 2 × COM RS-232, 1 × MIC, 1 × SPK, 1 × DC-IN (12V)

Expansion: 1 × M.2 2230 slot for Wi-Fi/Bluetooth module

Cooling: Fanless, aluminum heat-dissipating chassis

Dimensions: 135 × 127 × 38.7 mm | Weight: 0.8 kg

Operating Systems: Windows 11 / ThinX OS (Linux-based)

Operating Temperature: -20°C to +60°C

The **ID PC 2L2C** is the perfect solution for industrial applications requiring performance, endurance, and absolute silence — an elegant and compact design built to last, with the reliability you expect from **Chip PC Technologies**.



DataSheet :ID PC 2L4C - Industrial PC



Processor	Intel® Processor N150, 4 Cores / 4 Threads, up to 3.6GHz, 6MB Cache, TDP 6W	
Operating System	Windows 11 Pro (supports Linux and Windows 11 IoT Enterprise 2024 LTSC)	
Storage	128GB M.2 SATA Up to 512GB 1 × M.2 2280 (PCIe 3.0 x2 / SATA 3.0) 1 × 7-pin SATA 3.0 (up to 6 Gb/s)	
Memory	8GB RAM DDR4 Up to 16 GB	
Input / Output ports	Front Panel	4× USB 3.0 ports 2 × RS-232 COM ports (DB9) Power Button
	Rear Panel	1 xMIC-IN / Audio Line-Out combo jack 2 × HDMI 1.4 1 × DisplayPort 1.2 2 × RJ45 Gigabit LAN (10/100/1000 Mbps, Wake-on-LAN & PXE support) 1 × DC-IN (12V) 2 × Wi-Fi Antenna connectors
Resolution	HDMI - Up to 4096x2160@60Hz DP: Up to 4096x2160@60Hz	
Audio	Stereo Audio Output - 3,5 mm (1/8 inch) Audio-Out Jack; 16-bit Stereo, Microphone Input - 3,5 mm (1/8 inch),	
Network	Dual RJ45 : 10:100:1000 2 × Realtek RTL8111 Gigabit LAN (Wake-on-LAN & PXE support) 1 × Mini-PCIe slot (for Wi-Fi / 4G module)	
Environment	Temperature range: Operating - 0°C to 60°C (32°F to 140°F) Storage - 0°C to 60°C (32°F to 140°F) Humidity: Operating - 20 to 80% non condensing; Storage - 10 to 90% non condensing Altitude: 0 to 20,000 ft	
Dimensions	135*127*38.7mm	
weight	800gr	
Power	Device input: 100~240VAC@50/60HZ Device Output: 12VDC/2.5A external power adapter	
Security	Built-in Kensington security slot (cable sold separately)	
Warranty	Three-year hardware warranty Optional extended Warranty for years 4 & 5.	



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