



Thinvent Industrial PC IPC5

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

16GB DDR5 RAM

1TB SSD

No WiFi

Windows 11 Pro

Quad DB9 Serial

SKU: IPC5-CU5_14L-16_5-M1024-12_5-X-11P-4S



Unleash advanced automation with silent, steadfast power.

Engineered for Demanding Environments

This high-performance industrial PC is built to thrive where others falter. Its completely fanless, rugged aluminium design ensures flawless 24/7 operation in dusty, vibrating, or temperature-fluctuating settings, from the factory floor to the remote edge.

Purpose-Built for Industrial Mastery

- Conquer complex tasks like real-time machine vision, data acquisition, and sophisticated process control with effortless multi-tasking power.

- Connect directly to a vast array of legacy and modern equipment with its wealth of ports, including four critical serial connections.
- Deploy a reliable computing node for edge analytics, consolidating data and enabling smarter, faster decisions right where they're needed.
- Benefit from a robust and secure foundation with the professional-grade Windows 11 Pro operating system.

Proudly 100% designed in India, the IPC5 combines formidable processing strength with unwavering reliability in a sleek, anodised grey chassis. It's the robust nerve centre for your most advanced industrial applications.



Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	1024 GB

DISPLAY

HDMI 2.0	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Front USB 2.0	2
Front Serial Port	2 DB9 male RS232
Rear Serial Port	4 DB9 male RS232
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 50°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	RoHS, ISO

PHYSICAL

Form Factor	Industrial PC
Thermal Design	Fanless Passive Cooling
Dimensions	197mm × 210mm × 65mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Aluminium
Housing Finish	Anodised
Housing Colour	Dark Grey
Net and Gross Weight	2.83kg, 3.25kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE			
IPC5-cu5_14L-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]			
RAM	8_5 = 8GB DDR5	16_5 = 16GB DDR5	32_5 = 32GB DDR5
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB		m256 = 256GB m512 = 512GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux		W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None		4S = Quad DB9 Serial

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