



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Pro

Quad DB9 Serial

SKU: IPC5-I5_12L-32-M512-12_7-M-11P-4S



Engineered for the relentless rhythm of industry.

Unleash the robust computing power to drive your most demanding applications. This is the resilient heart for your advanced automation, precision machine vision, and intelligent edge computing tasks.

Built to endure, designed to deliver

Rugged, reliable performance

- Fanless, silent operation ensures flawless running in dusty, harsh environments with zero maintenance.
- Its robust aluminium chassis and industrial-grade components guarantee unwavering stability on your factory floor.

Advanced connectivity at its core

- Seamlessly integrate with a vast array of legacy machinery and modern peripherals thanks to extensive serial and dual network ports.

- Stay connected with flexible wired and wireless options, simplifying deployment anywhere in your facility.

Power where you need it

- Harness substantial processing muscle to handle complex data analysis and real-time control without breaking a sweat.
- Experience smooth, responsive operation for sophisticated software, keeping your operations agile and efficient.

Proudly 100% designed in India, the IPC5 combines intelligent engineering with a sleek, anodised grey finish. It's the dependable, high-performance engine for your next-generation industrial solutions.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

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

CONNECTIVITY

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

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	2.92kg, 3.34kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE	
IPC5-i5_121-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinux = Thinux™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None 4S = Quad DB9 Serial

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