



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 IoT Value

SKU: IPC5-I5_12L-8-M512-12_5-X-11V-0



Engineered for the relentless rhythm of industry: the Thinvent IPC5.

Uncompromising Power Meets Rugged Reliability

Harness the raw processing capability of a high-performance Intel® platform, built to tackle demanding workloads at the network edge. This isn't just a computer; it's the robust digital brain for your most critical operations.

Built to Thrive Where Others Falter

- Its solid, fanless aluminium chassis ensures flawless operation in dusty, volatile environments where moving parts fail.
- Enjoy steadfast reliability with a wide operating temperature range, keeping your processes running smoothly.
- The sleek, anodised dark grey finish provides a durable and professional look that withstands the rigours of the factory floor.

Your Hub for Advanced Industrial Innovation

- Drive complex automation systems and high-speed machine vision applications with consistent, lag-free performance.
- Seamlessly integrate legacy equipment and modern peripherals with abundant connectivity, including dual LAN and serial ports.
- Deploy as a powerful edge computing node, processing data locally for faster insights and reduced network dependency.

Proudly 100% designed in India to meet the specific challenges of modern industry, the IPC5 is the dependable cornerstone for building a smarter, more resilient operation.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	8 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

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 IoT Enterprise LTSC 2024 Value
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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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