



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 IoT Value

SKU: IPC5-I5_12L-16-M512-12_7-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	16 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	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 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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