



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

Without OS

Quad DB9 Serial



SKU: IPC5-I5_12L-8-M1024-12_7-M-W_OS-4S

Engineered for the relentless pace of industry: The Thinvent IPC5.

Where raw computing power meets unwavering reliability. This rugged industrial PC is built to thrive in demanding environments, delivering exceptional performance for your most advanced applications without the fragility of standard hardware.

Built for demanding environments

- A fanless, solid aluminium chassis ensures silent, dustproof operation in temperatures from 0° to 50°C.
- The robust, anodised dark grey finish resists wear, offering a sleek profile built for longevity.
- Proudly 100% designed in India, crafted to understand and overcome local industrial challenges.

Unmatched connectivity drives complex systems

- Ample serial and dual LAN ports provide seamless integration with legacy machinery and modern networks.
- Robust processing handles intensive tasks like real-time machine vision and edge computing analytics.
- Advanced wireless connectivity keeps your operations agile and data flowing without cumbersome cabling.

Ideal for critical industrial applications

- Advanced factory automation and process control.
- Real-time machine vision and inspection systems.
- Powerful edge computing and data acquisition hubs.

Choose the IPC5. It's not just a computer; it's the durable, high-performance brain for your smart industrial operations.



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	1024 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	Without OS
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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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