



# 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

## No WiFi

## Windows 11 IoT Value

SKU: IPC5-I5\_12L-32-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

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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

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HDMI	1
VGA	1

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2

### POWER

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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

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

### PHYSICAL

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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

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

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

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