



# Thinvent Industrial PC IPC5

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 16GB DDR4 RAM

## 32GB SSD

## No WiFi

## Without OS

SKU: IPC5-I5\_12-16-M32-12\_5-X-W\_OS-0



Engineered for Excellence: The Thinvent® IPC5 – Unyielding Power at the Industrial Edge.

Experience unparalleled performance and unwavering reliability with the Thinvent® Industrial PC IPC5. This high-performance, rugged, and fanless powerhouse is 100% designed in India, built to tackle the most demanding industrial environments.

### Exceptional Processing Power

- Driven by the Intel® Core™ i5-1250P processor, featuring an impressive 12 cores and a blistering 4.4 GHz max frequency, coupled with a 12 MB cache for superior data processing.
- Seamlessly handle complex applications with 32GB DDR4 RAM and benefit from lightning-fast boot-ups and data access with a robust 512GB SSD.

### Industrial-Grade Durability and Design

- Its sleek, dark grey, anodised aluminium housing offers a smooth finish, superb heat dissipation, and robust protection, ensuring stable operation from 0°C to 50°C and 20% ~ 80% RH non-condensing humidity.

- Designed fanless for silent, dust-free, and maintenance-free operation, making it ideal for harsh industrial settings.
- Compact dimensions (197mm × 210mm × 65mm) allow for flexible deployment in space-constrained areas.

### Extensive Connectivity for Your Operations

- Connect effortlessly with multiple peripherals via 2x USB 3.2 and 2x USB 2.0 ports.
- Ensure reliable network communication with a dedicated Gigabit Ethernet port.
- Versatile display options include HDMI and VGA outputs, along with Speaker Out and Mic In for comprehensive multimedia support.

The Thinvent® IPC5 is the perfect solution for advanced industrial automation, high-definition machine vision, and critical edge computing tasks. With RoHS and ISO certifications, this robust system is engineered for your future. Note: This unit ships without an operating system and does not include WiFi, allowing for tailored deployment.



## 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	16 GB
SSD Storage	32 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
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
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### 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	Without OS
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## Ordering Information

PRODUCT CODE	
<b>IPC5-i5_12-[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>Thinux</b> = Thinux™ Embedded Linux <b>U</b> = Ubuntu Linux
Accessories	<b>0</b> = None <b>4S</b> = Quad DB9 Serial

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