



# 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

## Thinix Embedded Linux

SKU: IPC5-I5\_12L-16-M512-12\_5-X-THINUX-0



Unleash industrial power, designed to endure.

### Engineered for the edge

Forget fragile office tech. The Thinvent IPC5 is built from the ground up for the demanding realities of the factory floor and beyond. Its fanless, solid-state aluminium design shrugs off dust, vibration, and extreme temperatures, delivering unwavering reliability where it matters most.

### Harness serious processing muscle

Tackle complex tasks with confidence. Driven by advanced 12th Gen Intel® power, this industrial PC effortlessly manages demanding applications like real-time machine vision, sophisticated automation control, and intelligent edge computing. Experience smooth, responsive performance that keeps your most critical processes running without a hiccup.

### Connect and control with absolute flexibility

This unit is your central hub for industrial connectivity. With dual Gigabit Ethernet and legacy serial ports, it seamlessly integrates with a vast array of machinery, sensors, and network infrastructure. Remotely manage and monitor your entire operation through the intuitive browser-based interface or secure remote access tools, minimising downtime and maximising efficiency.

### A proud statement in reliability

More than just a component, it's a testament to robust engineering. Featuring a sleek, smooth anodised grey finish, the IPC5 is 100% designed in India to meet the toughest global standards. It runs the optimised Thinix™ Embedded Linux platform, offering a stable, secure, and versatile environment for your custom industrial applications. Choose the rugged powerhouse that works as hard as you do.



## 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	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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## 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>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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