



# Thinvent Industrial PC IPC5

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 16GB DDR5 RAM

## 128GB SSD

## No WiFi

## Windows 11 Pro

SKU: IPC5-CU5\_14L-16\_5-M128-12\_5-X-11P-0



Engineer a more connected, intelligent edge with silent, relentless power.

Built for the most demanding industrial environments, the Thinvent IPC5 is a testament to rugged, high-performance computing. Its fanless, solid-state design ensures flawless operation where dust, vibration, and extreme temperatures would halt ordinary PCs. With superior processing muscle and extensive connectivity, it transforms complex data into decisive action right at the source.

### Uncompromising performance for critical operations

- Deploy powerful edge computing and machine vision systems that analyse data in real-time, without latency.
- Drive advanced industrial automation with reliable, 24/7 operation in harsh factory settings.

- Leverage dual LAN ports for robust network redundancy and seamless integration into complex control systems.
- Benefit from versatile legacy and modern I/O to connect to a vast array of machinery, sensors, and peripherals.
- Rely on a robust, all-aluminium chassis with a smooth anodised finish, engineered for durability and efficient heat dissipation.

Proudly 100% designed in India, this industrial PC delivers the robust intelligence your smart operations demand. Install it and forget it—the IPC5 works tirelessly so you can focus on innovation.



## Specifications

### PROCESSING

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Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

### DISPLAY

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HDMI 2.0	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	2
Front Serial Port	2 DB9 male RS232
RS485 Option	1

### 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 Pro
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## Ordering Information

PRODUCT CODE			
<b>IPC5-cu5_14L-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]</b>			
RAM	<b>8_5</b> = 8GB DDR5	<b>16_5</b> = 16GB DDR5	<b>32_5</b> = 32GB DDR5
SSD	<b>m128</b> = 128GB <b>m32</b> = 32GB <b>m1024</b> = 1TB		<b>m256</b> = 256GB <b>m512</b> = 512GB
Wireless	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi
OS	<b>DOS</b> = DOS <b>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux		<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
Accessories	<b>0</b> = None		<b>4S</b> = Quad DB9 Serial

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