



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

32GB SSD

No WiFi

Ubuntu Linux

SKU: IPC5-I5\_13-4-M32-12\_5-X-U-0



Experience Unrivaled Industrial Performance, Engineered for Excellence in India.

The Thinvent® Industrial PC IPC5 is a high-performance, rugged, and fanless powerhouse, meticulously designed in India for the most demanding environments. It delivers exceptional speed and reliability for advanced industrial automation, machine vision, and edge computing.

### Core Power & Agility

- Drive complex tasks with the Intel® Core™ i5-1335U processor: 10 cores, up to 4.6 GHz, 12 MB cache for seamless processing.
- With 4GB DDR4 RAM and a vast 1TB SSD, the IPC5 ensures rapid data access and boot times, all on the robust Ubuntu Linux 24.04 LTS.

### Built for Durability

- Its fanless design guarantees silent, 24/7 operation, eliminating maintenance concerns in challenging conditions (0°C to 50°C, 20-80% non-condensing humidity).

- The robust aluminium housing with a smooth, dark grey anodised finish provides superior protection and a compact footprint (197mm × 210mm × 65mm).
- RoHS and ISO certified for uncompromising quality.

### Enhanced Connectivity

- Features extensive wired options: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, Speaker Out, Mic In, and a Gigabit Ethernet port for reliable, high-speed networking.
- Powered by a versatile 100~275V AC input adapter (12V 7A DC output, 2m cable), the IPC5 offers flexible deployment.

Elevate your industrial infrastructure with the Thinvent® IPC5 – where power, ruggedness, and innovation converge.



## Specifications

### PROCESSING

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Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	4 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	2.72kg, 3.14kg

### OPERATING SYSTEM

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Operating System	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE	
<b>IPC5-i5_13-[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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