



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 4GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Without OS

## Quad DB9 Serial

SKU: IPC5-I5\_13-4-M1024-12\_5-M-W\_OS-4S



### Unmatched Power, Unyielding Durability: Introducing the Thinvent® Industrial PC IPC5.

This high-performance, fanless, and rugged solution is 100% designed in India for demanding industrial environments. The Thinvent® IPC5 redefines edge computing, advanced industrial automation, and machine vision with its robust capabilities and extensive connectivity.

#### Unleash exceptional processing might

- At its core, the Intel® Core™ i5-1335U processor delivers 10 cores and speeds up to 4.6 GHz, backed by a generous 12 MB cache.
- Seamlessly handle complex data and multitasking with 64GB DDR4 RAM.
- Store vast amounts of critical data and ensure lightning-fast boot times with a massive 1TB SSD.

#### Engineered for extreme reliability

- Experience silent, maintenance-free operation thanks to its fanless design.
- The smooth, anodised dark grey aluminium housing ensures superior heat dissipation and rugged protection, allowing operation in temperatures from 0°C to 50°C and humidity up to 80% RH (non-condensing).

- Its compact 197mm × 210mm × 65mm footprint integrates effortlessly into any setup.

#### Connect to your world

- Dominate connectivity with six DB9 male RS232 serial ports, enabling unparalleled integration with legacy and modern industrial equipment.
- Enjoy versatile display options with one HDMI and one VGA output.
- Benefit from ample peripheral support with two USB 3.2 and two USB 2.0 ports.
- Stay connected with high-speed 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).
- Includes Speaker Out and Mic In for audio capabilities.

#### Ready for your custom needs

- Shipped without an operating system, providing the flexibility to install your preferred industrial OS or custom software.
- Certified for RoHS and ISO standards, guaranteeing quality and environmental compliance.

The Thinvent® Industrial PC IPC5 is your steadfast partner for mission-critical operations.



## 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	1024 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
Rear Serial Port	4 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### 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	Without OS
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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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