



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 8GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Without OS

SKU: IPC5-I5\_13-8-M512-12\_5-M-W\_OS-0



Unleash Industrial Power: Thinvent® IPC5 Engineered for Excellence.

The Thinvent® IPC5 is a robust, fanless Industrial PC designed for the most demanding industrial automation, machine vision, and edge computing applications. Experience unparalleled performance and reliability, 100% designed in India. Its compact yet powerful architecture is built to thrive in challenging environments.

### Processor Power

- Intel® Core™ i5-1335U processor
- 10 cores for exceptional multitasking
- Reach up to 4.6 GHz for swift processing
- 12 MB cache for rapid data access

### Memory and Storage

- 8GB DDR4 RAM for smooth operation
- 256GB SSD for fast boot times and data retrieval

### Connectivity Galore

- Dual Band WiFi (802.11ac) for reliable wireless networking
- HDMI and VGA outputs for versatile display options

- 2x USB 3.2 and 2x USB 2.0 ports for broad peripheral support
- 2x Serial Port DB9 male RS232 for legacy device integration
- 1000 Mbps Ethernet for high-speed wired connectivity
- Speaker Out and Mic In for essential audio functions

### Rugged Design and Environmental Tolerance

- Durable Aluminium housing with an anodised, dark grey finish
- Operates in temperatures from 0°C to 50°C
- Handles 20% to 80% RH non-condensing humidity
- Compact dimensions: 197mm x 210mm x 65mm

### Power and Compliance

- 12V 7A Adapter included
- Wide input voltage range (100~275 Volts AC)
- RoHS and ISO certified for peace of mind
- Supplied without OS, offering complete operating system flexibility.



## 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	8 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
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 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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