



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Windows 11 Pro

SKU: IPC5-I5\_13-16-M128-12\_5-M-11P-0



### Master the Edge: Uncompromising Performance Meets Industrial Fortitude.

Introducing the Thinvent® Industrial PC IPC5: a high-performance, fanless powerhouse meticulously 100% designed in India to excel in the most demanding environments. Engineered for advanced industrial automation, machine vision, and critical edge computing, the IPC5 delivers relentless processing capability in a rugged, compact form factor.

#### Unmatched Performance

- Propelled by an Intel® Core™ i5-1335U processor with 10 cores and turbo speeds up to 4.6 GHz, backed by a 12 MB cache, the IPC5 effortlessly handles complex data processing and real-time analytics.
- Experience lightning-fast operation with 32GB DDR4 RAM and a spacious 1TB SSD, ensuring rapid application loading and ample storage for critical data.

#### Built for the Toughest Challenges

- Its robust fanless design, housed in a sleek, anodised dark grey aluminium chassis, ensures silent, reliable operation across an expansive 0°C to 50°C temperature range and 20-80% non-condensing humidity.
- Certified with RoHS and ISO standards, the IPC5 guarantees quality and longevity in harsh industrial settings, all within a compact 197mm x 210mm x 65mm footprint.

#### Seamless Connectivity & Control

- Maximize your operational flexibility with extensive connectivity options, including dual video outputs (HDMI, VGA), two USB 3.2 and two USB 2.0 ports, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac) for reliable wireless communication.
- Comes pre-installed with Windows 11 Pro, offering a familiar and secure environment for all your industrial applications.



## 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	16 GB
SSD Storage	128 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	Microsoft Windows 11 Pro
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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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