



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 512GB SSD

## No WiFi

## Without OS

SKU: IPC5-I5\_13-16-M512-12\_5-X-W\_OS-0



Power Your Industrial Future: Rugged, Fanless, and Made for Performance.

Introducing the Thinvent® Industrial PC IPC5, a high-performance, fanless powerhouse meticulously engineered for the demanding world of industrial automation, machine vision, and edge computing. 100% designed in India, this IPC blends cutting-edge technology with unyielding reliability.

### Unleash exceptional processing might

- Intel® Core™ i5-1335U processor with 10 cores, bursting up to 4.6 GHz for rapid task execution
- 12 MB cache for accelerated data access
- 16GB DDR4 RAM to effortlessly handle complex applications
- 256GB SSD ensures lightning-fast boot-ups and data transfers

Built to endure, the IPC5 features a robust, fanless design housed in a dark grey, smooth anodised aluminium chassis, eliminating dust ingress and ensuring silent, reliable operation in environments from 0°C to 50°C and 20% to 80% non-condensing humidity.

### Extensive connectivity options

- Dual video outputs: 1x HDMI, 1x VGA
- Four USB ports: 2x USB 3.2, 2x USB 2.0
- Gigabit Ethernet (1000 Mbps) for high-speed network communication
- Speaker Out and Mic In for audio integration

With a wide 100-275V AC power input and a compact 197mm x 210mm x 65mm footprint, the IPC5 is certified RoHS and ISO compliant, ready for seamless integration. Delivered without an operating system or WiFi, it offers the ultimate flexibility for tailored industrial deployments. Empower your operations with the robust, intelligent heart of the Thinvent IPC5.



## 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	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
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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	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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