



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 64GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 Pro

SKU: IPC5-I5\_13-64-M128-12\_5-X-11P-0



Thinvent® Industrial PC IPC5: Unyielding Power, Unrivaled Reliability, Engineered for Industry.

Introducing the Thinvent® Industrial PC IPC5, a high-performance, rugged, and fanless computing powerhouse meticulously 100% designed in India. Built for the demanding needs of advanced industrial automation, sophisticated machine vision, and critical edge computing, the IPC5 delivers relentless performance in the harshest environments.

### Performance That Drives Innovation

- Powered by the Intel® Core™ i5-1335U processor, featuring 10 cores, speeds up to 4.6 GHz, and a substantial 12 MB cache, the IPC5 handles complex tasks with ease.
- Coupled with 4GB DDR4 RAM and a lightning-fast 256GB SSD, expect rapid boot times and seamless application execution.

### Engineered for Extremes

- Its fanless design ensures silent operation and zero dust ingress, boosting reliability and extending lifespan.
- Encased in a durable, dark grey anodised aluminium housing with a smooth finish, the IPC5 withstands physical stress.

- Operating flawlessly from 0°C to 50°C and 20% to 80% non-condensing humidity, it's certified by RoHS and ISO for proven quality.

### Comprehensive Connectivity

- Expand your industrial ecosystem with 2x USB 3.2, 2x USB 2.0, a dedicated 1000 Mbps Ethernet port, HDMI, VGA, Speaker Out, and Mic In.
- This extensive I/O ensures versatile integration for all your peripheral and networking needs.

### Operational Excellence

- Pre-loaded with Microsoft Windows 11 Pro, providing a secure and familiar environment for your operations.
- Compact dimensions of 197mm x 210mm x 65mm and a robust 12V 7A power adapter with a 2-meter cable simplify integration.

Experience the robust performance and unwavering reliability of the Thinvent® Industrial PC IPC5 – your essential partner for industrial innovation.



## 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	64 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
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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	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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