



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## No WiFi

## Windows 11 Pro

## Quad DB9 Serial

SKU: IPC5-I5\_13-64-M512-12\_5-X-11P-4S



Thinvent IPC5: Unyielding Power, Unrivaled Connectivity, Engineered for Tomorrow's Industry.

Elevate your industrial operations with the Thinvent® Industrial PC IPC5, a high-performance, fanless powerhouse designed and 100% made in India. Experience superior processing capabilities for demanding applications like advanced industrial automation, machine vision, and edge computing.

### Core Performance

- Intel® Core™ i5-1335U processor: 10 cores, up to 4.6 GHz, 12 MB cache for exceptional speed
- 16GB DDR4 RAM for seamless multitasking
- 128GB SSD for rapid data access and system responsiveness
- Pre-installed Windows 11 Pro for a modern, secure operating environment

### Robust Connectivity

- 6 DB9 male RS232 serial ports: Extensive support for legacy and specialized industrial devices
- Versatile display options: 1 HDMI, 1 VGA

- Essential I/O: 2x USB 3.2, 2x USB 2.0, Speaker Out, Mic In
- Gigabyte Ethernet: Reliable 1000 Mbps wired network access

### Industrial Strength Design

- Fanless operation: Ensures silent performance, dust-proof reliability, and reduced maintenance in harsh environments
- Rugged aluminium housing: Dark grey anodised finish for extreme durability and a sleek, professional look
- Wide operating range: Perform flawlessly from 0°C to 50°C, 20% to 80% RH (non-condensing)
- Compact form factor: 197mm x 210mm x 65mm for flexible integration
- Certified quality: RoHS and ISO compliance guarantees international standards

The Thinvent IPC5 delivers the reliability and power your critical systems demand, day in and day out.



## Specifications

### PROCESSING

---

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	512 GB

### DISPLAY

---

HDMI	1
VGA	1

### AUDIO

---

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

### CONNECTIVITY

---

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

---

Ethernet	1000 Mbps
----------	-----------

### POWER

---

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

---

Operating Temperature	0°C ~ 50°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	RoHS, ISO

### PHYSICAL

---

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

---

Operating System	Microsoft Windows 11 Pro
------------------	--------------------------

## 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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

