



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

256GB SSD

No WiFi

Windows 11 Pro

SKU: IPC5-I5\_13-32\_32-M256-12\_5-X-11P-0



Thinvent® Industrial PC IPC5: Unyielding Power, Unrivalled 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 × 210mm × 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

|                 |         |
|-----------------|---------|
| 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     | 256 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 |

### 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                                              |                                     |                                     |                                  |                |
|-----------------------------------------------------------|-------------------------------------|-------------------------------------|----------------------------------|----------------|
| IPC5-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] |                                     |                                     |                                  |                |
| RAM                                                       | 4 = 4GB DDR4                        | 8 = 8GB DDR4                        | 16 = 16GB DDR4                   | 32 = 32GB DDR4 |
|                                                           | 32_32 = 64GB<br>DDR4 RAM (2 x 32GB) | 16_16 = 32GB<br>DDR4 RAM (2 x 16GB) | 8_8 = 16GB DDR4<br>RAM (2 x 8GB) |                |
| SSD                                                       | m128 = 128GB                        |                                     | m256 = 256GB                     |                |
|                                                           | m512 = 512GB                        |                                     | m1024 = 1TB                      |                |
| Wireless                                                  | m = Dual Band WiFi                  |                                     | X = No WiFi                      |                |
| OS                                                        | DOS = DOS                           |                                     | W_OS = Without OS                |                |
|                                                           | 11V = Windows 11 IoT Value          |                                     | 11P = Windows 11 Pro             |                |
|                                                           | Thinix = Thinix™ Embedded Linux     |                                     | U = Ubuntu Linux                 |                |
| Accessories                                               | 0 = None                            |                                     | 4S = 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

