



# Thinvent Industrial PC IPC5

- Intel Core i5-1335U processor**
- 10 core, up to 4.6 GHz, 12 MB cache**
- 16GB DDR4 RAM**
- 256GB SSD**
- Dual Band WiFi**
- Without OS**

SKU: IPC5-I5\_13-16-M256-12\_5-M-W\_OS-0



Unleash Industrial Power: Thinvent® IPC5 Engineered for Excellence.

The Thinvent® IPC5 is a robust, fanless Industrial PC designed for the most demanding industrial automation, machine vision, and edge computing applications. Experience unparalleled performance and reliability, 100% designed in India. Its compact yet powerful architecture is built to thrive in challenging environments.

### Processor Power

- Intel® Core™ i5-1335U processor
- 10 cores for exceptional multitasking
- Reach up to 4.6 GHz for swift processing
- 12 MB cache for rapid data access

### Memory and Storage

- 8GB DDR4 RAM for smooth operation
- 256GB SSD for fast boot times and data retrieval

### Connectivity Galore

- Dual Band WiFi (802.11ac) for reliable wireless networking
- HDMI and VGA outputs for versatile display options

- 2x USB 3.2 and 2x USB 2.0 ports for broad peripheral support
- 2x Serial Port DB9 male RS232 for legacy device integration
- 1000 Mbps Ethernet for high-speed wired connectivity
- Speaker Out and Mic In for essential audio functions

### Rugged Design and Environmental Tolerance

- Durable Aluminium housing with an anodised, dark grey finish
- Operates in temperatures from 0°C to 50°C
- Handles 20% to 80% RH non-condensing humidity
- Compact dimensions: 197mm x 210mm x 65mm

### Power and Compliance

- 12V 7A Adapter included
- Wide input voltage range (100~275 Volts AC)
- RoHS and ISO certified for peace of mind
- Supplied without OS, offering complete operating system flexibility.



## Specifications

### PROCESSING

---

|                 |         |
|-----------------|---------|
| 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     | 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | Without OS |
|------------------|------------|

## 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<br><b>64</b> = 64GB DDR4                                                                 |
| SSD                                                              | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><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<br><b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro<br><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

