



# 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)

512GB SSD

Dual Band WiFi

Windows 11 Professional

SKU: IPC5-I5\_13-32\_32-M512-12\_7-M-11O-0



Meet the workhorse that never sweats: Thinvent® Industrial PC IPC5.

Built for the factory floor, the control room, and the edge of tomorrow, the IPC5 is the silent powerhouse your operations have been waiting for. It combines the intelligence of a 13th-generation Intel® Core™ i5 processor with the kind of rugged reliability that keeps production lines moving, shift after shift, without a single hiccup.

Why choose the IPC5?

- It thrives where others falter: the fanless, passive-cooled aluminium chassis shrugs off dust, heat, and vibration, so you can mount it in the toughest corners of your plant and forget it's there.
- It responds at the speed of thought: with ten cores reaching up to 4.6 GHz, this machine chews through machine-vision algorithms, real-time control logic, and edge analytics without breaking a sweat.

- It connects to everything that matters: from legacy serial instruments to modern gigabit networks and dual-band Wi-Fi, you'll have every port and wireless option you need to tie your entire operation together.
- It is ready to run from day one: pre-loaded with Windows 11 Professional, you can deploy it, integrate it, and secure it with the tools your IT team already knows.
- It is proudly designed in India: 100% conceived and engineered in-house, the smooth anodised grey finish looks professional in any setting, from a gleaming showroom to a rugged automation cell.

Whether you are upgrading an existing line, building a smart factory, or pushing compute to the edge, the IPC5 gives you dependable power, serious connectivity, and absolute peace of mind. It is not just another industrial PC; it is the quiet backbone your business can build on.



## 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 |

### NETWORKING

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 2.82kg, 3.24kg          |

### OPERATING SYSTEM

|                  |                                   |
|------------------|-----------------------------------|
| Operating System | Microsoft Windows 11 Professional |
|------------------|-----------------------------------|

## 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  
DDR4 RAM (2 x  
32GB)16\_16 = 32GB  
DDR4 RAM (2 x  
16GB)8\_8 = 16GB DDR4  
RAM (2 x 8GB)

## SSD

m128 = 128GB

m512 = 512GB

m2048 = 2TB

m256 = 256GB

m1024 = 1TB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W\_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

## Accessories

0 = None

4S = Quad DB9 Serial

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