



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 8GB DDR4 RAM

## 1TB SSD

## No WiFi

## Without OS

SKU: IPC3-I3\_13-8-M1024-12\_5-X-W\_OS-0



Master the Edge: Unrivaled Rugged Performance, Engineered for Extremes.

Unlock ultimate reliability with the Thinvent® Industrial PC IPC3, a 100% designed-in-India fanless powerhouse built for relentless 24x7 operation in the harshest industrial and IoT environments. Its robust, anodised silver aluminum housing (200mm × 184mm × 52mm) provides exceptional durability, dust, and debris resistance, ensuring consistent performance where standard PCs fail.

### Core Strength

- Command complex tasks with the Intel® Core™ i3-1315U processor (6 cores, up to 4.5 GHz, 10 MB cache), engineered for sustained high performance.
- Experience unparalleled multitasking with a substantial 64GB DDR4 RAM.
- Boost productivity with a rapid 256GB SSD for swift data access and application loading.

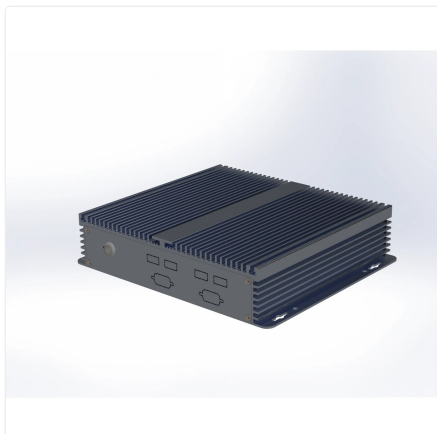
### Built for Reliability

- Operate confidently across a wide temperature range: 0°C to 50°C.

- Withstand challenging humidity: 20% to 80% RH, non-condensing.
- Fanless design ensures silent, maintenance-free operation and enhanced longevity in critical setups.
- RoHS and ISO certifications underscore its quality and environmental commitment.

### Seamless Integration

- Extensive connectivity for your industrial ecosystem: 1x HDMI, 1x VGA, 2x USB 3.2, 6x USB 2.0 (2 rear, 4 front), 1x 1000 Mbps Ethernet.
  - Audio flexibility: 1x Speaker Out, 1x Mic In.
- Powerful and efficient 12V 7A DC input, supported by a
- wide-range 100~275V AC adapter.
  - Supplied without OS, granting you the freedom to install your ideal industrial operating system. No WiFi for enhanced wired security and stability.



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 8 GB    |
| SSD Storage     | 1024 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| 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           | 200mm × 184mm × 52mm    |
| Packing Dimensions   | 340mm × 235mm × 105mm   |
| Housing Material     | Aluminium               |
| Housing Finish       | Anodised                |
| Housing Colour       | Silver                  |
| Net and Gross Weight | 2.38kg, 2.80kg          |

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## Ordering Information

### PRODUCT CODE

**IPC3-i3\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|             |                                            |                                            |                                         |                       |
|-------------|--------------------------------------------|--------------------------------------------|-----------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                        | <b>8</b> = 8GB DDR4                        | <b>16</b> = 16GB DDR4                   | <b>32</b> = 32GB DDR4 |
|             | <b>32_32</b> = 64GB<br>DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4<br>RAM (2 x 8GB) |                       |
| SSD         | <b>m128</b> = 128GB                        |                                            | <b>m256</b> = 256GB                     |                       |
|             | <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>Thinix</b> = Thinix™ Embedded Linux     |                                            | <b>U</b> = Ubuntu Linux                 |                       |
| Accessories | <b>0</b> = None                            |                                            | <b>4S</b> = Quad DB9 Serial             |                       |

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