



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 32GB DDR4 RAM

## 1TB SSD

## No WiFi

## Without OS

SKU: IPC3-13\_13-32-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.

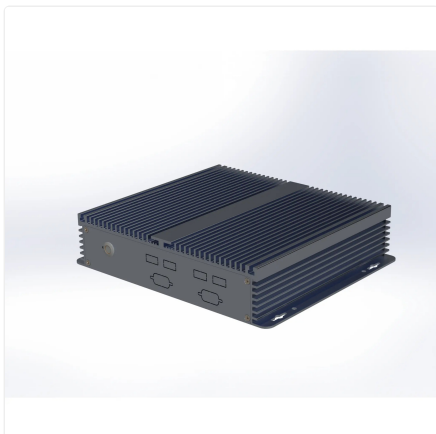
### Built for Reliability

- 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

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|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 1024 GB |

### DISPLAY

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

### AUDIO

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|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

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|                   |                  |
|-------------------|------------------|
| USB 3.2           | 2                |
| USB 2.0           | 2                |
| Front USB 2.0     | 4                |
| Front Serial Port | 2 DB9 male RS232 |

### NETWORKING

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

### POWER

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|              |  |
|--------------|--|
| 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

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

### PHYSICAL

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|                      |                         |
|----------------------|-------------------------|
| 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

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

## Ordering Information

| PRODUCT CODE   |  |
|--|--|
| <b>IPC3-i3_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  |

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