



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

Windows 11 Pro



SKU: IPC3-I3\_13-32\_32-M512-12\_5-M-11P-0

Unleash Unwavering Performance in the Harshest Environments: The Thinvent® IPC3.

Engineered for relentless reliability, the Thinvent® Industrial PC IPC3 is your robust solution for critical industrial and IoT applications. Proudly 100% designed in India, this fanless, rugged powerhouse ensures seamless 24x7 operation, even in challenging conditions.

### Unmatched Performance

- Experience superior processing power with the Intel® Core™ i3-1315U processor, featuring 6 cores, a 10 MB cache, and speeds up to 4.5 GHz.
- Multitask effortlessly with a formidable 64GB DDR4 RAM.
- Boost your workflow with a rapid 128GB SSD for quick boot-ups and application loading.
- Pre-installed with Windows 11 Pro for a secure and intuitive experience.

### Rugged Durability & Design

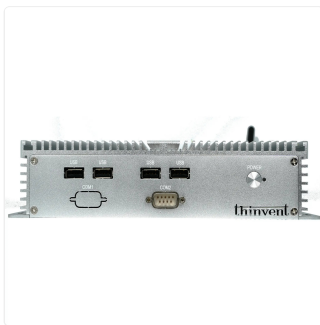
- Built for extremes, its fanless design and anodised silver aluminium housing (200mm × 184mm × 52mm) ensure silent, reliable operation and superior heat dissipation.
- Operates flawlessly across a wide temperature range of 0°C to 50°C and 20% to 80% non-condensing humidity.
- Certified with RoHS and ISO standards for quality and environmental compliance.

### Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a high-speed 1000 Mbps Ethernet port.
- Versatile I/O includes 1 HDMI, 1 VGA, 2 USB 3.2, 6 USB 2.0 (4 front), Speaker Out, and Mic In for comprehensive peripheral integration.

### Reliable Power

- Adaptable power input (100~275 Volts AC) with a stable 12V 7A DC adapter ensures consistent performance and flexibility.



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 64 GB   |
| SSD Storage     | 512 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                     |
| 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           | 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 | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

IPC3-i3\_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**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)

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