



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

Ubuntu Linux

SKU: IPC3-I3\_13-16\_16-M256-12\_7-X-U-0



Conquer Every Challenge: The Thinvent® IPC3 Industrial Powerhouse.

Engineered in India for unparalleled resilience, the Thinvent® Industrial PC IPC3 is your steadfast partner for demanding industrial and IoT applications. This rugged, fanless marvel is built to thrive where others fail, ensuring 24x7 operation even in the harshest environments.

### Unmatched Performance & Reliability

Powered by an Intel® Core™ i3-1315U processor with 6 cores boosting up to 4.5 GHz and 10 MB cache, coupled with 16GB DDR4 RAM and a rapid 256GB SSD, the IPC3 delivers exceptional processing power and speed for critical tasks. Its fanless design eliminates moving parts, reducing maintenance and preventing dust ingress for superior longevity. Running on the stable and secure Ubuntu Linux 24.04 LTS, it is ready for immediate deployment.

### Designed for the Toughest Environments

Encased in a sleek, silver anodised aluminium housing measuring 200mm x 184mm x 52mm, the IPC3 is not just durable but also visually striking.

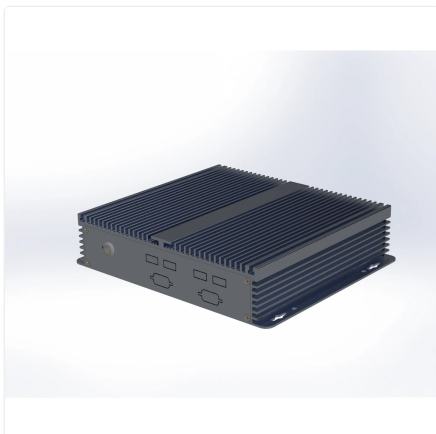
- Operate flawlessly from 0°C to 50°C.
- Withstands 20% to 80% RH non-condensing humidity.
- RoHS and ISO certified for quality and compliance.

### Seamless Connectivity & Integration

Connect your essential peripherals and network with ease

- Video Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- USB Ports: 2 USB 3.2, 2 USB 2.0 (rear), 4 USB 2.0 (front)
- Network: Gigabit Ethernet (1000 Mbps)
- Power: Stable 12V 7A DC input, adaptable 100~275V AC
- (2m cable)

The Thinvent® IPC3 stands as a testament to robust engineering, 100% designed in India for the global industrial landscape.



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| 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     | 256 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   | 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           | 200mm × 184mm × 52mm    |
| Packing Dimensions   | 340mm × 235mm × 105mm   |
| Housing Material     | Aluminium               |
| Housing Finish       | Anodised                |
| Housing Colour       | Silver                  |
| Net and Gross Weight | 2.48kg, 2.90kg          |

### OPERATING SYSTEM

|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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

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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