

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

Dual Band WiFi

Ubuntu Linux



SKU: IPC3-I3\_13-32\_32-M2048-12\_7-M-U-0

Unleash Uncompromising Reliability in Any Environment.

Introducing the Thinvent® Industrial PC IPC3: a robust, fanless computing solution meticulously engineered for the most demanding industrial and IoT applications. Proudly 100% designed in India, this IPC is built for continuous 24x7 operation, even in harsh environments.

### Exceptional Performance

- Powered by an Intel® Core™ i3-1315U processor with 6 cores and up to 4.5 GHz, featuring a 10 MB cache, the IPC3 delivers responsive and efficient processing for critical tasks.
- Coupled with 4GB DDR4 RAM and a swift 128GB SSD, it ensures quick boot times and seamless data handling.

### Extensive Connectivity

- For versatile integration, it features 1x HDMI, 1x VGA, 2x USB 3.2, 2x USB 2.0, 4x front USB 2.0, 1x Speaker Out, and 1x Mic In.
- Reliable, high-speed networking is provided by Gigabit Ethernet (1000 Mbps) and integrated Dual Band Wi-Fi 5 (802.11ac).

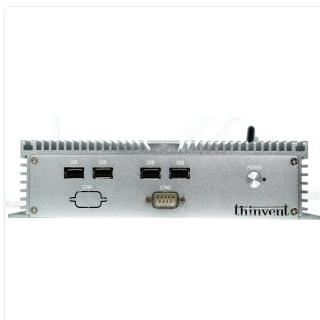
### Built for Extremes

- Its sleek, anodised silver aluminium housing (200mm × 184mm × 52mm) offers superior protection and efficient passive cooling, eliminating moving parts for a maintenance-free experience.
- Designed to operate flawlessly from 0°C to 50°C and 20% to 80% RH (non-condensing), it meets RoHS and ISO certifications for quality and environmental standards.
- Powered by a stable 12V 7A adapter with a 2-metre cable, the IPC3 handles a wide power input of 100~275 Volts AC (50~60 Hz, 1.5 Amps maximum).

### Secure & Stable Platform

- Pre-installed with Ubuntu Linux 24.04 LTS, the IPC3 provides a secure, open-source, and highly customisable operating system ready for deployment.

The Thinvent® IPC3 offers unparalleled durability, performance, and flexibility, making it the ideal choice for mission-critical industrial deployments.



## 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     | 2048 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   | 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

[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

## R&amp;D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

## Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

