



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM (2 x 8GB)

## 1TB SSD

## No WiFi

## Windows 11 IoT Value

SKU: IPC3-I3\_13-8\_8-M1024-12\_5-X-11V-0



Conquer Any Challenge: Unyielding Performance with Thinvent® IPC3.

### Introduction

Experience peak reliability and performance in the most demanding environments with the Thinvent® Industrial PC IPC3. Engineered for rugged 24x7 operation, this fanless powerhouse thrives where standard PCs fail, perfect for industrial and IoT applications. Proudly 100% designed in India.

### Performance That Drives Industry

- Intel® Core™ i3-1315U processor (6 cores, up to 4.5 GHz, 10 MB cache) delivers robust computing power
- 64GB DDR4 RAM ensures extensive multitasking and data handling capability
- 256GB SSD provides lightning-fast boots and rapid data access for critical operations

### Connectivity & Integration

- Versatile display options with 1 HDMI and 1 VGA port
- Comprehensive audio support via 1 Speaker Out and 1 Mic In
- Ample USB connectivity: 2x USB 3.2, 2x USB 2.0 (rear), and 4x front USB 2.0 ports

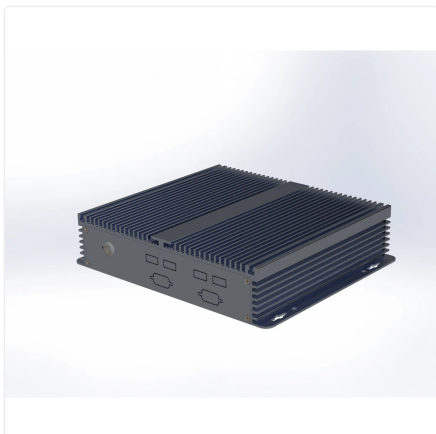
- Reliable network integration through a 1000 Mbps Ethernet port

### Rugged Durability & Design

- Fanless operation ensures silent, dust-free reliability in harsh industrial settings
- Compact dimensions of 200mm × 184mm × 52mm for easy integration into limited spaces
- Durable silver anodised aluminum housing provides superior protection and efficient heat dissipation
- Wide operating temperature range from 0°C ~ 50°C
- Tolerant operating humidity: 20% ~ 80% RH, non condensing, ideal for diverse environments
- Flexible power input: 100~275 Volts AC, 50~60 Hz, with a robust 12V 7A adapter and 2-metre cable

### Operating System & Compliance

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value for secure and specialized industrial applications
- Certified for peace of mind with RoHS and ISO compliance



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 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 | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## 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)

+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

