



# Thinvent Industrial PC IPC3

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

**32GB DDR4 RAM (2 x 16GB)**

**2TB SSD**

**No WiFi**

**Ubuntu Linux**

SKU: IPC3-I3\_12-16\_16-M2048-12\_7-X-U-0



Unleash Unrivalled Performance in Any Environment.

Introducing the Thinvent® Industrial PC IPC3: your ultimate solution for demanding industrial and IoT applications. This 100% designed in India, rugged, fanless computer is engineered for 24x7 operation in even the harshest environments.

### Peak Performance For Critical Tasks

- Drive complex operations with the powerful Intel® Core™ i3-1215U processor, featuring 6 cores, up to 4.4 GHz, and 10 MB cache.
- Multitask effortlessly and handle vast datasets with 64GB DDR4 RAM.
- Experience lightning-fast boot-ups and application loading from the reliable 256GB SSD.
- Built on a secure and stable foundation, it comes pre-installed with Ubuntu Linux 24.04 LTS.

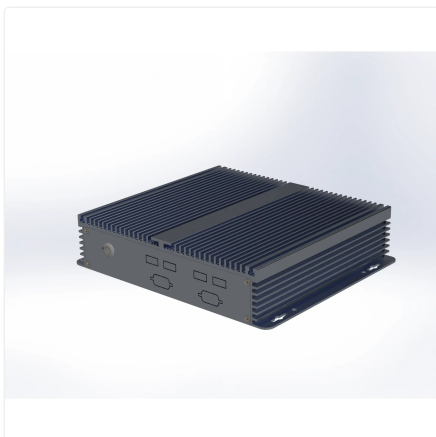
### Designed For The Edge

- Its robust, anodised silver aluminium housing (200mm × 184mm × 52mm) offers exceptional durability and a sleek finish.
- Operate reliably from 0°C to 50°C and 20% to 80% humidity, without compromise.
- Benefit from silent, maintenance-free fanless operation, perfect for dust-sensitive areas.

### Versatile Connectivity

- Connect essential peripherals with 2x USB 3.2, 6x USB 2.0, Gigabit Ethernet, and dual display outputs (HDMI, VGA).
- Power your setup with a wide range 100~275V AC input, delivering a stable 12V 7A DC.

The Thinvent IPC3 is more than a PC; it's a dependable workhorse certified by RoHS and ISO, ready to empower your industrial future.



# Thinvent Industrial PC IPC3



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 32 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 |
| RS485 Option      | 1                |

### 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 | 2.55kg, 2.97kg          |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

IPC3-i3\_12-[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

