



# 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

Dual Band WiFi

DOS



SKU: IPC3-I3\_13-8\_8-M1024-12\_7-M-DOS-0

Uncompromising Power. Unwavering Reliability. Built for the Edge.

Introducing the Thinvent® Industrial PC IPC3: a robust, fanless computing solution engineered for the most demanding industrial and IoT environments. Proudly 100% designed in India, this rugged PC ensures continuous 24x7 operation, delivering high performance where it matters most.

### Exceptional Performance for Critical Tasks

At its core, the Intel® Core™ i3-1315U processor boasts 6 cores with speeds up to 4.5 GHz and a 10 MB cache, providing formidable processing power for complex applications. Coupled with 8GB DDR4 RAM and a lightning-fast 256GB SSD, experience seamless multitasking and rapid data access, crucial for critical industrial operations.

### Industrial-Grade Durability & Connectivity

Built to last, the IPC3 features a sleek, silver anodised aluminium housing, ensuring maximum heat dissipation without the need for a fan – eliminating moving parts and significantly enhancing reliability in dusty or harsh conditions. Its compact 200mm x 184mm x 52mm footprint makes it ideal for space-constrained installations.

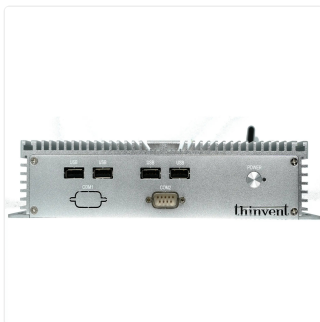
### Connectivity for Every Need

- Extensive I/O includes 1x HDMI, 1x VGA, 2x USB 3.2, 2x USB 2.0, plus 4x front USB 2.0 for convenient access.
- Reliable 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) ensure robust network communication.
- Audio ports (Mic In, Speaker Out) provide comprehensive multimedia support.

### Designed for Extreme Environments

Operate confidently from 0°C to 50°C with 20% ~ 80% non-condensing humidity. RoHS and ISO certifications guarantee quality and environmental compliance. Pre-installed with FreeDOS, it offers a clean slate for your specialised industrial software.

Powering your industrial future, reliably.



## 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                     |
| 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 | FreeDOS |
|------------------|---------|

## 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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