



# Thinvent Industrial PC IPC3

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Windows 11 Pro

SKU: IPC3-I3\_12L-16\_16-M512-12\_5-X-11P-0



Reliable Power, Silent Partner: The Thinvent IPC3.

### Purpose-Built for the Real World

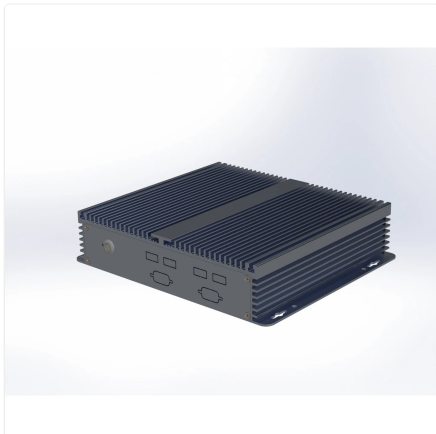
Forget delicate office computers. The IPC3 is engineered from the ground up for demanding industrial and IoT applications. Its rugged, fanless aluminium chassis is built to thrive where others fail—withstanding dust, vibration, and extreme temperatures for flawless 24/7 operation without a whisper of noise.

### Engineered for Unwavering Dependability

- Enjoy complete peace of mind with a robust system designed for continuous duty in harsh factory floors, smart kiosks, or digital signage installations.

- Benefit from the seamless performance of a modern processor, handling multiple tasks and industrial software with responsive ease.
- Connect to a world of legacy and modern equipment with versatile ports, ensuring straightforward integration into your existing setup.
- Trust in the quality of a system 100% designed in India, delivering proven ruggedness and durability where it matters most.

Your Foundation for Industrial Innovation. More than just a computer, the IPC3 is a dependable core for your digital transformation. It's the resilient, set-and-forget computing solution that lets you focus on your business, not your hardware.



## 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     | 512 GB  |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|                   |                  |
|-------------------|------------------|
| USB 3.2           | 2                |
| Front USB 2.0     | 4                |
| Front Serial Port | 2 DB9 male RS232 |
| RS485 Option      | 1                |

### NETWORKING

|                |           |
|----------------|-----------|
| Ethernet       | 1000 Mbps |
| Ethernet Ports | 2         |

### 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 | 2.45kg, 2.87kg          |

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

IPC3-i3\_12l-[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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