

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Ubuntu Linux



SKU: IPC3-I3\_13-16-M256-12\_5-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).

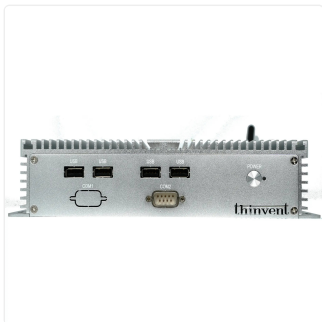
### Built for Extremes

- Its sleek, anodised silver aluminium housing (200mm x 184mm x 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

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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	256 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

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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

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Operating Temperature	0°C ~ 50°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	RoHS, ISO

### PHYSICAL

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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

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Operating System	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE	
<b>IPC3-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
RAM	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
SSD	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB
Wireless	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
OS	<b>DOS</b> = DOS <b>W_OS</b> = Without OS <b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro <b>Thinux</b> = Thinux™ Embedded Linux <b>U</b> = Ubuntu Linux
Accessories	<b>0</b> = None <b>4S</b> = Quad DB9 Serial

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