



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 4GB DDR4 RAM

## 128GB SSD

## No WiFi

## Ubuntu Linux

SKU: IPC3-I3\_13-4-M128-12\_5-X-U-0



Conquer Every Challenge: The Thinvent® IPC3 Industrial Powerhouse.

Engineered in India for unparalleled resilience, the Thinvent® Industrial PC IPC3 is your steadfast partner for demanding industrial and IoT applications. This rugged, fanless marvel is built to thrive where others fail, ensuring 24x7 operation even in the harshest environments.

### Unmatched Performance & Reliability

Powered by an Intel® Core™ i3-1315U processor with 6 cores boosting up to 4.5 GHz and 10 MB cache, coupled with 16GB DDR4 RAM and a rapid 256GB SSD, the IPC3 delivers exceptional processing power and speed for critical tasks. Its fanless design eliminates moving parts, reducing maintenance and preventing dust ingress for superior longevity. Running on the stable and secure Ubuntu Linux 24.04 LTS, it is ready for immediate deployment.

### Designed for the Toughest Environments

Encased in a sleek, silver anodised aluminium housing measuring 200mm x 184mm x 52mm, the IPC3 is not just durable but also visually striking.

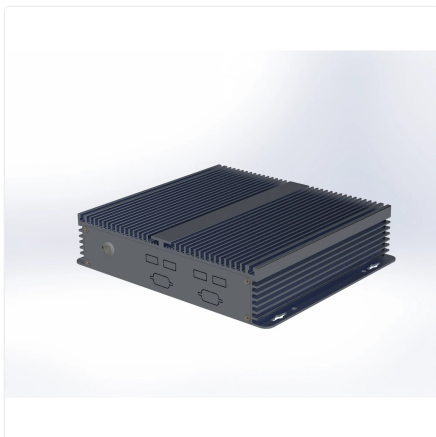
- Operate flawlessly from 0°C to 50°C.
- Withstands 20% to 80% RH non-condensing humidity.
- RoHS and ISO certified for quality and compliance.

### Seamless Connectivity & Integration

Connect your essential peripherals and network with ease

- Video Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- USB Ports: 2 USB 3.2, 2 USB 2.0 (rear), 4 USB 2.0 (front)
- Network: Gigabit Ethernet (1000 Mbps)
- Power: Stable 12V 7A DC input, adaptable 100~275V AC
- (2m cable)

The Thinvent® IPC3 stands as a testament to robust engineering, 100% designed in India for the global industrial landscape.



## 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	4 GB
SSD Storage	128 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
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### 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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