



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 Pro



SKU: IPC3-I3\_13-64-M512-12\_5-M-11P-0

Unleash Unwavering Performance in the Harshes Environment: The Thinvent® IPC3.

Engineered for relentless reliability, the Thinvent® Industrial PC IPC3 is your robust solution for critical industrial and IoT applications. Proudly 100% designed in India, this fanless, rugged powerhouse ensures seamless 24x7 operation, even in challenging conditions.

### Unmatched Performance

- Experience superior processing power with the Intel® Core™ i3-1315U processor, featuring 6 cores, a 10 MB cache, and speeds up to 4.5 GHz.
- Multitask effortlessly with a formidable 64GB DDR4 RAM.
- Boost your workflow with a rapid 128GB SSD for quick boot-ups and application loading.
- Pre-installed with Windows 11 Pro for a secure and intuitive experience.

### Rugged Durability & Design

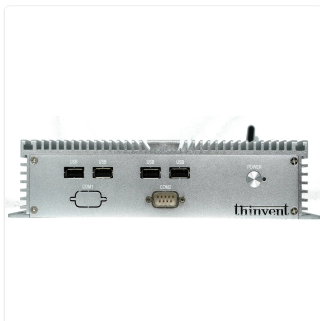
- Built for extremes, its fanless design and anodised silver aluminium housing (200mm × 184mm × 52mm) ensure silent, reliable operation and superior heat dissipation.
- Operates flawlessly across a wide temperature range of 0°C to 50°C and 20% to 80% non-condensing humidity.
- Certified with RoHS and ISO standards for quality and environmental compliance.

### Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a high-speed 1000 Mbps Ethernet port.
- Versatile I/O includes 1 HDMI, 1 VGA, 2 USB 3.2, 6 USB 2.0 (4 front), Speaker Out, and Mic In for comprehensive peripheral integration.

### Reliable Power

- Adaptable power input (100~275 Volts AC) with a stable 12V 7A DC adapter ensures consistent performance and flexibility.



## 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	64 GB
SSD Storage	512 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	Microsoft Windows 11 Pro
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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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