



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Thinix Embedded Linux



SKU: IPC3-I3\_13-16-M512-12\_5-M-THINUX-0

Thinvent® IPC3: Uncompromising Power, Unwavering Reliability, Designed for India's Industries.

Unleash robust performance in the harshest environments with the Thinvent® Industrial PC IPC3. This rugged, fanless solution, 100% designed and engineered in India, is built for 24x7 operation in industrial and IoT applications. Its durable anodised silver aluminium housing ensures longevity and superior thermal management.

### Performance Powerhouse

Driven by an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and featuring a 10 MB cache, the IPC3 handles demanding tasks with ease. Coupled with 8GB DDR4 RAM and a lightning-fast 1TB SSD, it provides rapid data access and seamless multitasking, essential for critical operations.

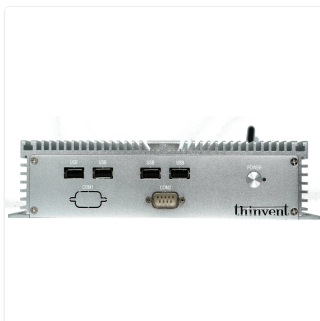
### Connectivity & Control

Stay connected with dual-band Wi-Fi 5 and Gigabit Ethernet. Multiple USB ports (2x USB 3.2, 2x USB 2.0, 4x front USB 2.0) and versatile display outputs (HDMI, VGA) offer extensive peripheral compatibility. The integrated Thinvent® Thinix™ Embedded Linux OS provides

- Seamless web browsing with Chromium and Mozilla Firefox
- Advanced remote display via RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH
- Convenient browser-based remote management and VNC shadowing
- Support for Java, Python, and glibc based applications
- Essential productivity with LibreOffice and PDF viewer
- Multimedia playback and SIP video/voice over IP capabilities

### Built for Extremes

Engineered to operate reliably from 0°C to 50°C with non-condensing humidity, this compact (200x184x52mm) industrial PC is RoHS and ISO certified. The 12V DC 7A power adapter, with a wide 100-275V AC input range, ensures stable operation. The Thinvent® IPC3 is your dependable partner for mission-critical industrial deployment.



## 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	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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## 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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