



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 8GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Thinix Embedded Linux

## Quad DB9 Serial



SKU: IPC3-I3\_13-8-M512-12\_5-M-THINUX-4S

### Unleash Uncompromising Reliability: The Thinvent® Industrial PC IPC3.

Engineered for the toughest challenges, the Thinvent® IPC3 is a rugged, fanless Industrial PC, 100% designed in India for unwavering 24x7 operation in harsh environments. Its anodised silver aluminium housing provides exceptional durability and a compact 200x184x52mm footprint, perfect for industrial and IoT applications.

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 swift 128GB SSD, the IPC3 delivers robust performance for critical tasks. Its 12V 7A DC input, supplied by a wide-range 100-275V AC adapter with a 2-metre cable, ensures stable operation. Stay connected with integrated dual-band Wi-Fi 5 (802.11ac) and 1000 Mbps Ethernet.

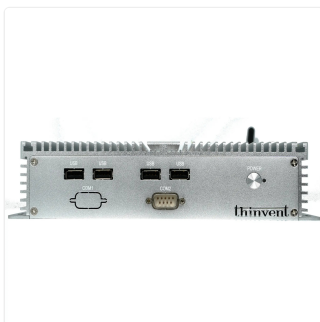
#### Connectivity at Your Fingertips

- A remarkable six DB9 male RS232 serial ports

- Two USB 3.2 and six USB 2.0 ports (four front)
- HDMI and VGA for versatile display options
- Speaker Out and Mic In

Pre-installed with Thinvent® Thinix™ Embedded Linux, the IPC3 offers a secure, stable, and feature-rich environment. Enjoy built-in Chromium and Mozilla Firefox, advanced remote display via RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing. Browser-based remote management streamlines operations. Develop and deploy applications with Java, Python, and glibc support, and utilize included LibreOffice, PDF viewer, multimedia player, and SIP video/voice over IP.

Designed for extremes, it operates flawlessly from 0°C to 50°C with 20-80% non-condensing humidity. RoHS and ISO certified, the Thinvent® IPC3 is the intelligent choice for dependable industrial computing.



## 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	8 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
Rear Serial Port	4 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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