



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## No WiFi

## Thinux Embedded Linux

SKU: IPC3-I3\_13-16-M1024-12\_5-X-THINUX-0



## Unleash Unyielding Performance: The Thinvent® IPC3 Industrial PC.

Experience unparalleled reliability with the Thinvent® Industrial PC IPC3, a rugged, fanless powerhouse engineered for continuous 24x7 operation in the most demanding industrial and IoT environments. Proudly 100% designed in India, its anodised silver aluminium housing ensures exceptional durability, a sleek finish, and a compact footprint of just 200mm × 184mm × 52mm.

### Core Performance

Powered by an Intel® Core™ i3-1315U processor featuring 6 cores and blazing speeds up to 4.5 GHz with a 10 MB cache, the IPC3 delivers robust computational power. Coupled with 16GB of DDR4 RAM and a lightning-fast 1TB SSD, it offers seamless multitasking and rapid data access for critical applications.

### Connectivity and Durability

**Designed for unwavering stability, the IPC3 features a reliable 1000 Mbps wired Ethernet connection, ensuring secure and consistent data flow without WiFi. Its comprehensive I/O includes**

- 2x USB 3.2 ports
- 6x USB 2.0 ports (2 rear, 4 front)
- HDMI and VGA outputs for versatile display options
- Speaker Out and Mic In for audio integration

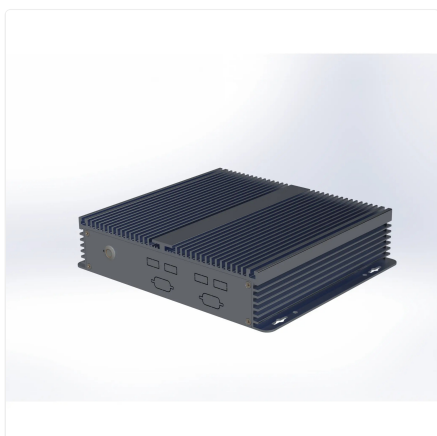
This unit is built to thrive in harsh conditions, operating flawlessly from 0°C to 50°C with 20-80% non-condensing humidity, and supports flexible power input (100~275 Volts AC).

### Operating System Excellence

**Pre-installed with Thinvent® Thinux™ Embedded Linux, a purpose-built OS optimized for performance and security, the IPC3 offers a rich set of features out-of-the-box**

- Browsing: Chromium and Mozilla Firefox web browsers
- Remote Access: RDP 10 (RemoteFX, H.264/AVC), Putty, SSH for secure remote display, and VNC shadowing with browser-based remote management
- Productivity: LibreOffice suite and PDF viewer
- Development: Java, Python, and glibc based application support
- Multimedia: Integrated multimedia player with MPEG4 support
- Communication: SIP video and voice over IP capabilities

With RoHS and ISO certifications, the Thinvent® IPC3 is the robust, high-performance solution you need to drive your critical operations forward.



## 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	1024 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	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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

