



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 8GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

## Quad DB9 Serial



SKU: IPC3-I3\_13-8-M128-12\_5-M-11V-4S

Thinvent® IPC3: Indian Engineering. Global Resilience.

### Experience Unwavering Performance

Introducing the Thinvent® Industrial PC IPC3, a fanless powerhouse meticulously engineered for the most demanding industrial and IoT environments. Designed for 24x7 operation, its rugged build ensures unparalleled reliability and consistent performance where it matters most.

### Performance at its Core

At the heart of the IPC3 lies an Intel® Core™ i3-1315U processor with 6 cores, boasting speeds up to 4.5 GHz and a 10 MB cache for rapid data processing. Coupled with 32GB DDR4 RAM and a swift 256GB SSD, this IPC delivers exceptional responsiveness for critical applications, ensuring your operations run smoothly and efficiently.

### Connectivity Redefined

Connect with confidence thanks to an extensive array of ports.

- 6 DB9 male RS232 serial ports for legacy and specialized industrial devices
- 2x USB 3.2 and 6x USB 2.0 (4 front-facing) for versatile peripheral support

- HDMI and VGA outputs for dual-display flexibility
- Dual-band Wi-Fi 5 (802.11ac) and 1000 Mbps Ethernet for robust networking

### Engineered for Extremes

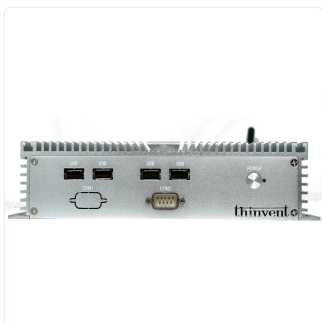
Housed in a compact (200mm × 184mm × 52mm), anodised silver aluminium chassis, the fanless IPC3 thrives in harsh conditions, operating reliably from 0°C to 50°C with 20% ~ 80% RH non-condensing humidity. Its robust design guarantees longevity in challenging industrial settings.

### Optimized for IoT

Running on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the IPC3 provides a secure, stable, and long-term supported platform perfect for embedded and industrial applications.

### Proudly Indian

100% designed in India, the Thinvent® IPC3 embodies local innovation with global quality standards, including RoHS and ISO certifications. Power it reliably with the included 12V 7A adapter, capable of handling 100~275V AC input.



## Specifications

### PROCESSING

---

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	128 GB

### DISPLAY

---

HDMI	1
VGA	1

### AUDIO

---

Speaker Out	1
Mic In	1

### CONNECTIVITY

---

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

---

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

---

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

---

Operating Temperature	0°C ~ 50°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	RoHS, ISO

### PHYSICAL

---

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

---

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
------------------	---

## 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

