



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 32GB SSD

## Dual Band WiFi

## Without OS



SKU: IPC3-I3\_13-16-M32-12\_5-M-W\_OS-0

## Conquer Every Challenge: The Indestructible Heart of Your Industrial Operations.

Introducing the Thinvent® Industrial PC IPC3, featuring the Intel® Core™ i3-1315U processor – a powerhouse engineered for relentless 24x7 performance in the most demanding environments. This rugged, fanless solution is 100% designed in India, embodying unparalleled durability and reliability for your industrial and IoT applications.

### Unrivalled Performance

- Powered by a 6-core Intel® Core™ i3-1315U processor, clocking up to 4.5 GHz with a 10 MB cache, it delivers blazing-fast computation.
- Seamless multitasking and data processing are assured with 8GB DDR4 RAM.
- Store vast amounts of critical data on the integrated 1TB SSD, providing rapid access and robust storage for any application.

### Built for the Edge

- Its fanless design ensures silent operation and superior reliability in dusty or harsh conditions, operating flawlessly from 0°C to 50°C.
- The sleek, silver anodised aluminium housing (200mm × 184mm × 52mm) provides exceptional protection and efficient heat dissipation.

- Certified with RoHS and ISO, ensuring compliance and quality.
- Dual Band Wi-Fi 5 (802.11ac) and Gigabit Ethernet (1000 Mbps) offer versatile and robust networking.

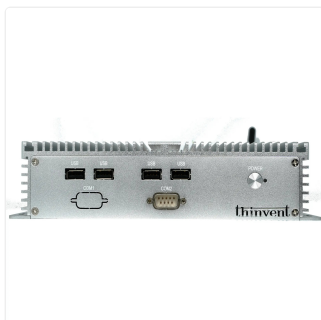
### Comprehensive Connectivity

- Expand your setup with ease using a full array of ports: 1 HDMI, 1 VGA, Speaker Out, Mic In.
- Extensive USB support includes 2 USB 3.2, 2 USB 2.0, and 4 convenient front USB 2.0 ports.
- Power it reliably with the included 12V 7A adapter (2-metre cable), supporting a wide 100~275V AC input.

### Your Custom Solution

- Delivered without OS, the IPC3 offers ultimate flexibility, enabling you to deploy your preferred operating system or specialized embedded software effortlessly.

The Thinvent® Industrial PC IPC3 is more than a computer; it's a foundation for unwavering industrial control and intelligent IoT 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	32 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	Without OS
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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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