



# Thinvent Industrial PC IPC3

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

## 16GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Without OS

## Quad DB9 Serial



SKU: IPC3-I3\_12L-16-M512-12\_7-M-W\_OS-4S

### Reliable Intelligence for the Toughest Environments.

Built for the relentless demands of modern industry, the Thinvent IPC3 is your steadfast digital partner. Engineered for 24/7 operation in challenging conditions, this rugged computer thrives where others falter.

#### Uncompromising Durability and Performance

Its robust, fanless aluminium chassis ensures silent, maintenance-free operation, eliminating dust intrusion and mechanical failure. Designed to withstand vibration, wide temperature swings, and industrial atmospheres, it delivers unwavering reliability for your critical operations.

#### Versatile Connectivity for Seamless Integration

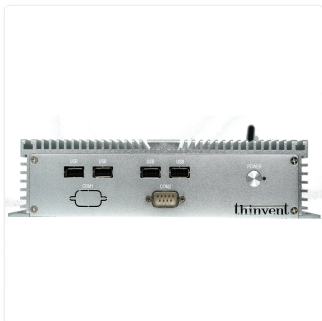
- Equipped with dual Gigabit LAN and four legacy serial ports for direct communication with machinery, PLCs, and specialised equipment.

- Offers extensive USB connectivity and dual-band Wi-Fi for flexible network placement and peripheral support.
- The versatile display outputs allow for clear visualisation on a wide range of monitors.

#### Your Foundation for Smart Solutions

Providing robust processing power in a compact form, it is the perfect cornerstone for industrial automation, IoT gateways, digital signage, and machine control applications. Supplied without an operating system, it offers complete flexibility for you to install your preferred platform.

100% designed and built in India for resilience, the Thinvent IPC3 is the dependable core for your next industrial innovation.



## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 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
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232
Rear Serial Port	4 DB9 male RS232
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

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DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	2.55kg, 2.97kg

### OPERATING SYSTEM

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Operating System	Without OS
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## Ordering Information

PRODUCT CODE	
<b>IPC3-i3_12l-[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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