



# Thinvent Industrial PC IPC3

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Windows 11 Pro



SKU: IPC3-I3\_12-16-M256-12\_5-M-11P-0

Unleash Unrivaled Performance in Any Environment.

Experience the Thinvent® Industrial PC IPC3, a 100% Designed in India, rugged, fanless powerhouse built for unwavering 24x7 operation in the toughest industrial and IoT settings. Its durable, anodised silver aluminium housing (200mm × 184mm × 52mm) ensures resilience, protecting against dust and operating reliably from 0°C to 50°C with 20% ~ 80% RH humidity.

### Performance Beyond Limits

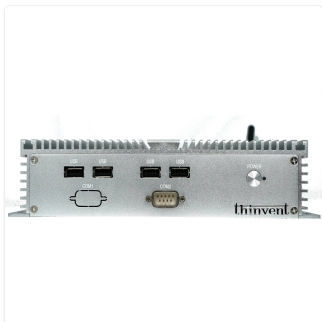
- Intel® Core™ i3-1215U processor: 6 cores, up to 4.4 GHz, 10 MB cache for demanding tasks
- Massive 64GB DDR4 RAM for superior multitasking
- Blazing-fast 256GB SSD for rapid boot and application loading

- Pre-installed Microsoft Windows 11 Pro for modern productivity and security

### Robust Connectivity

- Dual display support: 1x HDMI, 1x VGA
- High-speed data transfer: 2x USB 3.2, 6x USB 2.0 (including 4 convenient front ports)
- Seamless networking: Gigabit Ethernet (1000 Mbps), dual-band Wi-Fi 5 (802.11ac)
- Audio integration: Speaker Out, Mic In

This ISO and RoHS certified system, powered by a 12V 7A adapter with a versatile 100~275V AC input and a 2-metre cable, offers unparalleled reliability and versatility, making it the ideal choice for mission-critical applications.



## 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	256 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
RS485 Option	1

### 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	2.45kg, 2.87kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 Pro
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## Ordering Information

PRODUCT CODE	
<b>IPC3-i3_12-[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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