



# Thinvent Industrial PC IPC3

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM

512GB SSD

No WiFi

Without OS

Quad DB9 Serial



SKU: IPC3-I3\_12L-64-M512-12\_5-X-W\_OS-4S

Engineered for the extremes: where reliability is non-negotiable.

### Built for the real world

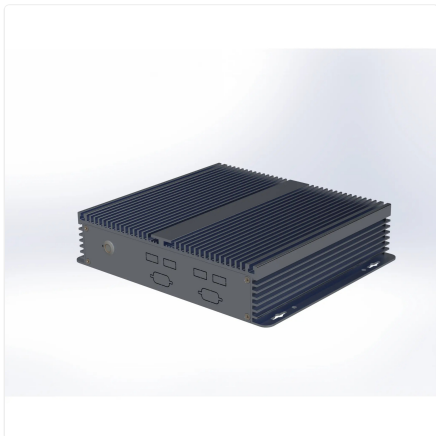
Meet the IPC3, a fanless industrial computer born to thrive where others falter. Its rugged, all-aluminium chassis and anodised silver finish shrug off dust, vibration, and extreme temperatures, delivering unwavering 24/7 performance in the most demanding settings. This is silent, steadfast computing designed from the ground up for industrial resilience.

### Your steadfast partner in automation and control

This isn't just a computer; it's the dependable core of your operation. With its fanless design eliminating moving parts, it ensures years of maintenance-free service, critical for continuous production lines and remote IoT installations. The robust connectivity, including multiple serial ports, makes it the perfect command centre for legacy machinery and modern systems alike.

### Why choose the IPC3

- Conquer harsh environments with a rugged, fanless build that operates silently and reliably.
- Deploy with confidence for 24/7 mission-critical applications, from factory floors to smart agriculture.
- Simplify integration with versatile industrial connectivity, ready to communicate with a wide array of equipment.
- Invest in durability and longevity with a robust design that reduces downtime and total cost of ownership.
- Support innovation with a platform proudly 100% designed in India for global industrial challenges.



## 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	64 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

### 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	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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