



# Thinvent Industrial PC IPC3

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## No WiFi

## Without OS

SKU: IPC3-I3\_12-64-M512-12\_5-X-W\_OS-0



Unyielding Power, Unrivalled Reliability: Built for the Edge.

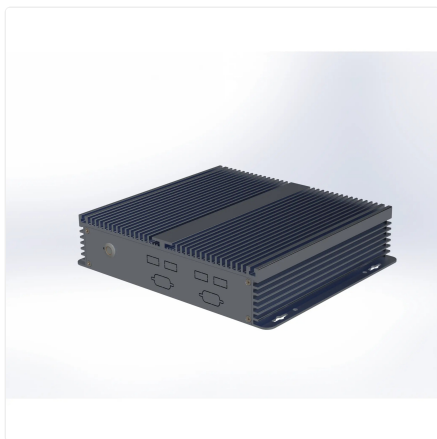
Introducing the Thinvent® Industrial PC IPC3, an exceptionally rugged and fanless computing powerhouse engineered for peak performance in the most challenging industrial and IoT environments. This system is 100% designed in India, guaranteeing robust quality and unwavering reliability for critical 24x7 operations.

### Performance at its Core

Experience robust processing with the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz with a 10 MB cache. Paired with 8GB DDR4 RAM and a lightning-fast 128GB SSD, the IPC3 delivers swift data handling and responsiveness for demanding workloads.

Designed for extreme durability, its sleek, silver anodised aluminium housing ensures efficient passive cooling and superior protection in harsh conditions, operating flawlessly from 0°C to 50°C and 20-80% non-condensing humidity. Comprehensive connectivity includes 2x USB 3.2, 6x USB 2.0 (4 front-facing), HDMI, VGA, Gigabit Ethernet (1000 Mbps), and audio ports, allowing seamless integration into any setup.

The Thinvent IPC3 offers ultimate flexibility, shipping without an OS so you can install your preferred operating system. This compact (200mm × 184mm × 52mm), RoHS and ISO certified solution with a 2-metre power cable is ready to drive your 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	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
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
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### 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_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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