



# Thinvent Industrial PC IPC3

**Intel Core i3-1215U processor**

6 core, up to 4.4 GHz, 10 MB cache

**Dual LAN**

**32GB DDR4 RAM**

**512GB SSD**

**Dual Band WiFi**

**DOS**

**Quad DB9 Serial**



SKU: IPC3-I3\_12L-32-M512-12\_5-M-DOS-4S

Engineered for the relentless rhythm of industry: The Thinvent IPC3.

Built to thrive where others fail, this fanless industrial computer delivers unwavering reliability in demanding conditions. Its rugged, anodised aluminium chassis and silent passive cooling ensure 24/7 operation, from dusty factory floors to critical IoT gateways.

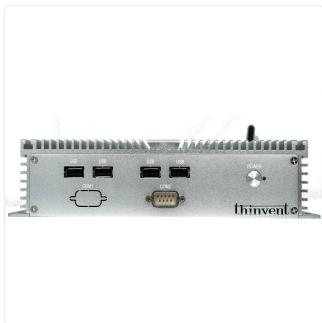
**Unwavering reliability for your critical operations**

- Experience flawless, maintenance-free performance with robust, fanless construction that eliminates dust ingress and mechanical failure.

- Deploy with absolute confidence in harsh environments, thanks to a durable 100% India-designed build for continuous operation.
- Connect and control a vast array of legacy and modern equipment with versatile dual LAN and multiple serial ports.

Your steadfast partner for industrial automation and beyond.

Trust in the robust computing power of the IPC3 to drive your machines, manage your processes, and connect your systems without hesitation. It's the dependable, resilient core for your most vital 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	32 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	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	FreeDOS
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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>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux
Accessories	<b>0</b> = None <b>4S</b> = Quad DB9 Serial

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