



# Thinvent Industrial PC IPC3

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

## 8GB DDR4 RAM

## 512GB SSD

## No WiFi

## Thinix Embedded Linux

## Quad DB9 Serial

SKU: IPC3-I3\_12L-8-M512-12\_5-X-THINUX-4S



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

### Engineered for Endurance

Born for the demanding environments where others falter. This fanless, rugged industrial PC thrives in the heat, dust, and constant vibration of the factory floor, delivering unwavering 24/7 operation without the point of failure that moving parts represent. Its robust aluminium chassis, with a sleek anodised finish, is 100% designed and built in India to withstand the challenges of modern industry and IoT deployments.

### Power Where It Counts

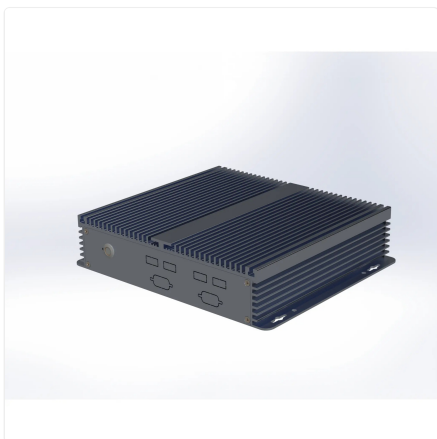
Harness efficient, modern processing power to drive your critical applications smoothly. From machine control and process monitoring to digital signage and interactive kiosks, the IPC3 handles it with consistent, reliable performance. Its fanless thermal design ensures silent running and prevents dust ingress, making it the perfect, maintenance-averse brain for your automated systems.

### Seamless Industrial Connectivity

Integrate effortlessly with legacy machinery and modern networks. With multiple serial ports and dual Gigabit LAN, this unit is a true bridge between old and new industrial ecosystems, allowing you to gather data and control equipment without compromise. Manage everything with ease through its powerful, integrated remote management tools.

### Your Trusted Embedded Foundation

Pre-loaded with our optimised Thinix™ embedded Linux OS, it provides a stable, secure, and versatile platform right out of the box. Run custom Python applications, manage content remotely via a web browser, or display vital information—all on a system designed for long-term deployment without headaches.



## 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	8 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## 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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