



# Thinvent Industrial PC IPC3

**Intel Core i3-1215U processor**

6 core, up to 4.4 GHz, 10 MB cache

**Dual LAN**

**16GB DDR4 RAM**

**1TB SSD**

**Dual Band WiFi**

**Ubuntu Linux**

**Quad DB9 Serial**



SKU: IPC3-I3\_12L-16-M1024-12\_5-M-U-4S

Engineered for extremes, built to last.

Introducing the Thinvent IPC3 Industrial PC: your steadfast digital partner for the most demanding environments. This isn't just a computer; it's a ruggedised solution for continuous, reliable operation where others fail.

**Built for relentless performance**

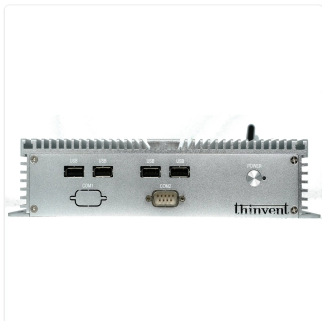
Forget fragile office hardware. The IPC3 is crafted for 24/7 duty in factories, warehouses, and remote IoT installations. Its robust, fanless design means no moving parts to clog or break, ensuring silent, dust-resistant operation from freezing cold to intense heat.

**Simplify connectivity, unleash control**

Manage a world of industrial equipment with ease. Four serial ports provide direct, legacy-compatible links to machinery, sensors, and PLCs, while dual Ethernet keeps your network robust and redundant. With built-in Wi-Fi, you gain the flexibility for both wired and wireless deployments.

**Trust in robust, intelligent design**

Proudly 100% designed in India, this PC combines smart engineering with durable, anodised aluminium construction. It arrives ready to work with a stable Ubuntu Linux OS, offering a secure and open platform for your custom applications without the bloat. Focus on your operation, not on your hardware. Choose the IPC3 for unwavering reliability where it matters most.



## Specifications

### PROCESSING

---

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	1024 GB

### DISPLAY

---

HDMI	1
VGA	1

### AUDIO

---

Speaker Out	1
Mic In	1

### CONNECTIVITY

---

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

---

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

---

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

---

Operating Temperature	0°C ~ 50°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	RoHS, ISO

### PHYSICAL

---

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

---

Operating System	Ubuntu Linux 24.04 LTS
------------------	------------------------

## 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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

