



# Thinvent Industrial PC IPC3

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Thinux Embedded Linux



SKU: IPC3-I3\_12-16-M128-12\_5-M-THINUX-0

Unleash Unrivaled Performance in Any Environment.

The Thinvent® Industrial PC IPC3 is engineered for the most demanding industrial and IoT applications, delivering unwavering 24x7 reliability. This rugged, fanless system is 100% designed in India, built to thrive in harsh environments.

### Uncompromising Power

- Experience blazing speed with the Intel® Core™ i3-1215U processor, featuring 6 cores and turbo speeds up to 4.4 GHz.
- Multitask effortlessly with a massive 64GB DDR4 RAM.
- Enjoy rapid boot-ups and data access from the 128GB SSD.

### Built for the Edge

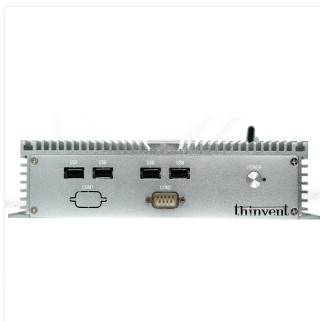
- Its anodised silver aluminium housing provides exceptional durability and a compact 200mm × 184mm × 52mm footprint.
- Operates reliably from 0°C to 50°C, fanless for silent, dust-free performance.

- Extensive connectivity includes 8 USB ports (2x USB 3.2, 6x USB 2.0), dual display (HDMI, VGA), Gigabit Ethernet, and dual-band Wi-Fi 5.

### Thinvent® Thinux™ OS Advantage

- Leverage the robust Thinux™ Embedded Linux for secure and stable operation.
- Remote management: Browser-based tools, RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
- Comprehensive application support: Java, Python, glibc, LibreOffice, PDF viewer, multimedia player (MPEG4), SIP video/voice.
- Integrated browsers: Chromium and Mozilla Firefox.

Invest in the IPC3 for a powerful, durable, and versatile solution, certified with RoHS and ISO standards, ready to elevate your industrial operations.



## 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	128 GB

### DISPLAY

---

HDMI	1
VGA	1

### AUDIO

---

Speaker Out	1
Mic In	1

### CONNECTIVITY

---

USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232
RS485 Option	1

### NETWORKING

---

Ethernet	1000 Mbps
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	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_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

[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

