



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 Professional

Quad DB9 Serial



SKU: IPC3-I3_12L-16-M256-12_5-M-11O-4S

Tough enough for the factory floor, smart enough for the digital age.

Built for the places ordinary computers fear to tread. The Thinvent IPC3 is a fanless industrial workhorse that shrugs off dust, heat and vibration, so your operations never skip a beat. Designed for relentless 24x7 duty, it delivers consistent, dependable performance shift after shift, year after year.

Why choose the IPC3?

- It keeps its cool in silence

With no fan to clog or fail, this sealed aluminium chassis runs passively, eliminating dust ingress and moving parts that break. That means less downtime and lower maintenance costs over the life of your deployment.

- It copes with demanding environments

Whether it is controlling a production line, powering a smart kiosk, or managing on-site IoT data, the IPC3 handles temperature swings and industrial settings with poise. The anodised finish resists wear, keeping your equipment looking professional for longer.

- It connects everything you need

With dual Gigabit Ethernet for reliable networking, wireless connectivity for flexible installation, and a full array of serial ports for legacy machinery, the IPC3 bridges old and new technology seamlessly.

- It is ready for business from day one

Supplied with Windows 11 Professional, it drops straight into your existing IT ecosystem. The powerful multi-core processor ensures snappy responsiveness for control software, data logging, and edge applications.

- It is built by people who understand industry

Proudly 100% designed in India, this robust PC is crafted to exacting standards, giving you the confidence of a product engineered for real-world production duty.

If you need a computer that keeps running when conditions turn rough, the IPC3 is the dependable foundation your next project deserves.



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	256 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	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

IPC3-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m512 = 512GB

m2048 = 2TB

m256 = 256GB

m1024 = 1TB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

4S = Quad DB9 Serial

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