



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

Windows 11 Professional



SKU: IPC3-I3_12-32_32-M512-12_7-M-110-0

Industrial strength computing that simply refuses to quit.

When your operations depend on non-stop performance, the Thinvent Industrial PC IPC3 is the quiet, unflinching workhorse you can trust. Engineered for the grittiest factory floors, dusty workshops, and round-the-clock IoT deployments, this fanless marvel keeps working silently through heat, vibration, and long shifts – no moving parts, no fuss, no downtime.

Built for the real world

- Survives the tough stuff with a rugged aluminium body and anodised finish that shrugs off dust, grime, and knocks
- Runs 24x7 without breaking a sweat, so your production line never misses a beat
- Operates silently and efficiently, because the last thing you need is another noisy PC in a busy workspace

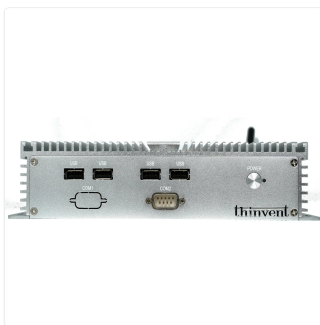
Made to fit your operation

- Handles control systems, monitoring dashboards, data logging, and edge computing with effortless ease
- Connects easily to older machinery and modern networks alike, keeping your existing tools working
- Comes with dependable wireless and wired networking, so it slots straight into your setup

A proud Indian design

- One hundred percent designed in India, delivering reliability and local ingenuity you can count on
- Ready for demanding roles in automation, smart manufacturing, and industrial IoT

If you need a computer that ignores the heat, stays calm under pressure, and keeps your business moving around the clock, the IPC3 is the logical choice. It is not just an industrial PC – it is the dependable backbone your operations deserve.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	512 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	7 Amps
Power Input	100~275 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	2.55kg, 2.97kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

IPC3-i3_12-[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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