



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

4GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 Professional

Quad DB9 Serial



SKU: IPC3-I3_12-4-M2048-12_7-M-11O-4S

Built for the places ordinary computers fear to tread.

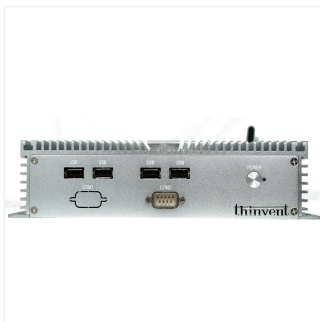
The Thinvent IPC3 is your silent, tireless workhorse for the factory floor, the roadside cabinet, and the dusty corners of industry where downtime is simply not an option. With no fan to clog and no moving parts to wear out, this machine just gets on with the job, quietly, reliably, around the clock.

Why choose the Thinvent IPC3?

- It shrugs off the heat, vibration, and grime that would send a typical office PC into early retirement. If your environment is tough, this computer is tougher.
- Its passive cooling means no whirring fans, no dust traps, and no sudden failures when you need it most. Just calm, continuous performance, 24 hours a day, 7 days a week.
- It is the ideal backbone for industrial automation, machine control, and data acquisition. When every second of production counts, the IPC3 keeps your lines moving and your processes visible.

- For IoT and edge deployments, it offers dependable connectivity and the resilience to live where the action is, not in a climate-controlled server room.
- With serial ports ready for legacy machinery and modern networking built in, it bridges the gap between old and new, making integration effortless.
- Proudly 100% designed in India, this is a machine built with the understanding that real-world conditions are rarely clean or forgiving.

If you need a computer that will not let you down when the temperature rises or the pressure mounts, look no further. The Thinvent IPC3 is the reliable, rugged partner your operation deserves. Choose it, install it, and forget about it. It simply works.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	4 GB
SSD Storage	2048 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
Rear Serial Port	4 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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