



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 Professional

SKU: IPC5-I5_12-16-M1024-12_7-X-11O-0



Built for the floor, ready for the future.

The Thinvent IPC5 is the workhorse your operation deserves. In demanding industrial settings, downtime is not an option. That is why we have engineered this fanless marvel to thrive where ordinary computers struggle, delivering dependable performance day in and day out without the fuss of moving parts or cooling fans to fail.

At its heart lies a powerful 12-core Intel Core i5 processor, ready to tackle advanced industrial automation, machine vision, and edge computing with effortless speed. From the factory floor to the control room, it responds instantly, keeping your processes flowing smoothly and your productivity high. With a generous array of connectivity options, the IPC5 easily links to legacy machinery and the latest peripherals alike, making integration a breeze and future-proofing your investment.

Its robust aluminium housing, finished with a smooth anodised grey coat, is as tough as it is elegant. Built to shrug off dust, heat, and vibration, the IPC5 installs discreetly and runs silently, so you can place it exactly where you need it. It is a truly rugged, dependable partner for continuous operation. And with every unit 100% designed in India, you are choosing precision engineering and meticulous quality you can trust.

Do not settle for fragile commercial hardware. Choose the Thinvent IPC5 and keep your world turning without interruption.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
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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	197mm × 210mm × 65mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Aluminium
Housing Finish	Anodised
Housing Colour	Dark Grey
Net and Gross Weight	2.92kg, 3.34kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

IPC5-i5_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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