



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

2TB SSD

No WiFi

Thinux Embedded Linux

SKU: IPC5-I5_12L-16_16-M2048-12_7-X-THINUX-0



Unleash industrial power, designed to endure.

Engineered for the edge

Forget fragile office tech. The Thinvent IPC5 is built from the ground up for the demanding realities of the factory floor and beyond. Its fanless, solid-state aluminium design shrugs off dust, vibration, and extreme temperatures, delivering unwavering reliability where it matters most.

Harness serious processing muscle

Tackle complex tasks with confidence. Driven by advanced 12th Gen Intel® power, this industrial PC effortlessly manages demanding applications like real-time machine vision, sophisticated automation control, and intelligent edge computing. Experience smooth, responsive performance that keeps your most critical processes running without a hiccup.

Connect and control with absolute flexibility

This unit is your central hub for industrial connectivity. With dual Gigabit Ethernet and legacy serial ports, it seamlessly integrates with a vast array of machinery, sensors, and network infrastructure. Remotely manage and monitor your entire operation through the intuitive browser-based interface or secure remote access tools, minimising downtime and maximising efficiency.

A proud statement in reliability

More than just a component, it's a testament to robust engineering. Featuring a sleek, smooth anodised grey finish, the IPC5 is 100% designed in India to meet the toughest global standards. It runs the optimised Thinux™ Embedded Linux platform, offering a stable, secure, and versatile environment for your custom industrial applications. Choose the rugged powerhouse that works as hard as you do.



Thinvent Industrial PC IPC5



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	2048 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
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	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

IPC5-i5_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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