



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

DOS

SKU: IPC5-I5_12L-4-M512-12_7-M-DOS-0



The Unshakeable Core of Your Smart Factory: Introducing the Thinvent IPC5.

This high-performance, rugged industrial computer is engineered for the most demanding environments. With a powerful 12-core Intel processor, it delivers exceptional multitasking power for complex automation, high-speed machine vision, and intelligent edge computing—all without the failure point of a fan.

Built to Endure, Designed to Connect

- Experience unwavering reliability with a robust, fanless design that eliminates dust ingress and moving parts, ensuring 24/7 operation from 0° to 50°C.

- Connect effortlessly to legacy systems and modern networks with dual Gigabit LAN, serial ports, and dual-band WiFi, offering unparalleled installation flexibility.
- Deploy with confidence in any setting, thanks to its sleek, anodised aluminium housing that dissipates heat efficiently and resists industrial wear.
- Proudly 100% designed in India to meet the specific challenges of modern industry, providing a robust computing foundation you can trust.

Unlock new levels of efficiency and data insight. The IPC5 is the robust, high-performance heart ready to power your next-generation industrial applications.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	512 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
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	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	FreeDOS
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Ordering Information

PRODUCT CODE	
IPC5-i5_121-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinux = Thinux™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None 4S = Quad DB9 Serial

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