



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

DOS

SKU: IPC5-I5_12L-16-M512-12_5-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	16 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	5 Amps
Power Input	100~240 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	2.83kg, 3.25kg

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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