



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: IPC5-I5_12L-16-M1024-12_7-M-11V-0



Engineered for the relentless rhythm of industry.

Power Uninterrupted

Harness serious computing muscle for your most demanding applications. This fanless industrial PC delivers robust, reliable performance where it matters most, from controlling complex automation lines to processing high-speed machine vision data. Its silent, solid-state design means no moving parts to fail, ensuring continuous operation in harsh environments where dust, vibration, and extreme temperatures are part of the daily grind.

Rugged Reliability, Seamless Connectivity

Built to withstand the real world, its sleek, anodised aluminium chassis offers superior durability and heat dissipation. With a wealth of connectivity ports, it seamlessly integrates into existing setups, acting as the perfect nerve centre for advanced edge computing, data acquisition, and industrial IoT networks. It's the dependable link between your equipment and your intelligence.

Purpose-Built for Smart Operations

From the factory floor to the remote edge, this is the robust computing foundation for modern industry. Deploy it for advanced process control, real-time analytics, or as a powerful gateway—its versatility and unwavering stability turn operational data into actionable insight. Proudly 100% designed in India, it's the resilient, high-performance engine for your digital transformation.



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
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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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