



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Windows 11 Professional

SKU: IPC5-I5_12-16_16-M2048-12_5-M-110-0



Meet the industrial PC that asks for no favours and gives no quarter.

A silent powerhouse for the factory floor

The Thinvent IPC5 is the quiet workhorse your operation has been waiting for. Built for the relentless rhythm of modern industry, this fanless machine carries the punch of a 12th-generation Intel Core i5 processor with twelve cores, ready to chew through demanding workloads without breaking a sweat. No spinning fans, no dust traps – just dependable, whisper-quiet performance that keeps your systems running when temperatures rise and space is tight.

Made for the tough jobs

This is ruggedness you can rely on. Housed in a smooth, anodised aluminium body in a smart dark grey, the IPC5 shrugs off dirt, vibration and the rough-and-tumble of life on the production line. With its passive cooling design and 100% Indian engineering, it delivers sustained power without the bulk or the noise. When your environment is harsh, this machine stands its ground.

Connectivity that keeps you moving

From industrial automation to machine vision and edge computing, the IPC5 gives you the flexibility to plug into almost anything. With dual-band WiFi, gigabit Ethernet, dual serial ports, USB 3.2 and a stack of legacy and modern ports, it talks to your existing equipment with ease. You can run displays, sensors, controllers and peripherals all from one dependable hub. That means fewer headaches, simpler installations and faster deployment.

Built in India, ready for the world

Every Thinvent IPC5 is designed in India, blending local ingenuity with global standards. It arrives with Windows 11 Professional ready to go, so you can set it up, mount it and get straight back to business.

When the work is tough, choose the machine that is tougher. Choose the 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
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
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	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE			
IPC5-i5_12-[RAM]-[SSD]-12_10-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
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 Thinux = Thinux™ Embedded Linux	
Accessories	0 = None	4S = Quad DB9 Serial	

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