



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM (2 x 8GB)

2TB SSD

Dual Band WiFi

Windows 11 Professional

SKU: IPC5-I5_12L-8_8-M2048-12_10-M-11O-0



Power where it matters, built to keep British industry moving.

Rugged by design

- Fanless, passive cooling means no moving parts to fail, no dust to clog, and no noise in the quietest of workshops.
- A tough, anodised aluminium housing shrugs off knocks, vibrations, and the daily grind of factory life.
- Operates reliably in demanding temperatures, so your line never stops, even when the heat is on.

Connectivity that keeps pace

- Twin Gigabit Ethernet ports let you link machines, PLCs, and controllers without breaking a sweat.
- Dual-band Wi-Fi gives you flexible deployment, whether you're cabling up or going wireless.
- A generous spread of USB, serial, and audio ports means the IPC5 plays nicely with legacy and modern equipment alike.

Engineered for the smartest operations

- Ideal for advanced industrial automation, machine vision, and edge computing, this PC handles complex tasks with speed and precision.
- It delivers the processing punch you need for real-time data analysis, predictive maintenance, and seamless control — all in one compact, reliable unit.
- Pre-installed with Windows 11 Professional, it's ready to drop into your operation from the moment it arrives.

Proudly 100% designed in India, the IPC5 combines proven international components with thoughtful engineering. The smooth, dark grey anodised finish isn't just for looks — it resists corrosion and adds a professional touch to any control panel.

When downtime is not an option and performance is non-negotiable, the Thinvent IPC5 is the quiet, rugged workhorse your operation can depend on. Choose it as a direct alternative to older, bulkier industrial PCs, and give your team the edge it deserves.



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	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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	10 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 Professional
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Ordering Information

PRODUCT CODE

IPC5-i5_12L-[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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