



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Professional

SKU: IPC5-I5_12L-16-M256-12_7-X-11O-0



Brawn and brains in a fanless frame: the Thinvent IPC5 is the industrial workhorse that never breaks a sweat.

Built for the factory floor

- Keeps going where others falter – the solid, sealed aluminium housing shrugs off dust, heat, and vibration, so your line stays up and your deadlines stay met.
- Runs silently and reliably, thanks to fanless passive cooling. No moving parts, no filter changes, no surprise breakdowns – just dependable operation shift after shift.
- Powers demanding tasks without breaking stride. From real-time machine control to vision-guided inspection, the Intel Core i5 processor delivers the responsiveness your automation craves.

Made for connectivity

- Plenty of ports to link PLCs, sensors, cameras, and displays without juggling adapters. Dual gigabit Ethernet keeps data flowing fast, while serial and USB options let you plug straight into existing kit.
- Doubles as a smart edge gateway – process data close to the action, send only what matters to the cloud, and act on insights in milliseconds.

Designed to be noticed

- 100% designed in India, with a smooth anodised finish in understated dark grey. It looks professional on the shop floor, in a control cabinet, or alongside a gleaming production line.
- Compact and tough, it slips neatly into tight spaces and stays cool under pressure, saving you floor space and cooling costs.

Why choose the Thinvent IPC5

- Because downtime is expensive, and this PC is built to minimise it.
- Because you want a machine that matches your ambition – rugged, responsive, and ready for the next big automation challenge.
- Because reliability isn't a luxury; it's the foundation of smart manufacturing.

Make the Thinvent IPC5 the silent, stalwart heart of your industrial operation – and keep production moving, no matter what the environment throws at it.



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	256 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

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 Professional
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Ordering Information

PRODUCT CODE

IPC5-i5_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		w_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	110 = Windows 11 Professional		Thinux = Thinux™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	0 = None		4S = Quad DB9 Serial	

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
 Salvador Do Mundo
 North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
 Sector 49, Sohna Road
 Gurgaon - 122018, India

