



Thinvent Industrial PC IPC5

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Professional

SKU: IPC5-I5_14-64-M256-12_5-X-11O-0



Meet the workhorse that never breaks a sweat: the Thinvent Industrial PC IPC5.

Built for the factory floor, not the office desk

This is a rugged, fanless powerhouse designed to thrive where ordinary computers falter. Its sealed aluminium chassis — with a smooth, anodised grey finish — shrugs off dust, vibration, and heat, while the passive cooling means no fans to clog, no moving parts to fail. It simply keeps running, shift after shift, year after year.

Serious performance for demanding applications

Under the bonnet sits a 14th-generation Intel Core 5 processor with ten cores and a 5.0 GHz turbo. That means lightning-fast responses for advanced industrial automation, real-time machine vision, and edge computing workloads. You get desktop-class power in a compact, panel-friendly footprint, so your systems react instantly and process data where it matters most.

Connectivity that fits your setup

The IPC5 is ready for almost anything you can throw at it, with dual HDMI and a VGA port for flexible displays, dual Gigabit Ethernet for reliable networking, plus a generous spread of USB and serial ports — both on the front and rear. Whether you're linking legacy machinery or modern sensors, wiring up is simple and clean.

A choice you can trust

Designed and built 100% in India, this is an industrial PC that delivers peace of mind. It comes with Windows 11 Professional, so you're ready to deploy straight out of the box. And with a wide operating temperature range and robust build quality, it's an investment in reliability that keeps your operations moving.

Choose the Thinvent IPC5 for powerful, relentless performance — made to last in the harshest environments.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	256 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2
Front USB 2.0	3
Front Serial Port	2 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
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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	2.43kg, 2.85kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE				
IPC5-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB			
	m512 = 512GB			
	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		

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