



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Windows 11 Professional

SKU: IPC5-I5_13-16_16-M512-12_5-M-11O-0



Meet the workhorse that never sweats: Thinvent® Industrial PC IPC5.

Built for the factory floor, the control room, and the edge of tomorrow, the IPC5 is the silent powerhouse your operations have been waiting for. It combines the intelligence of a 13th-generation Intel® Core™ i5 processor with the kind of rugged reliability that keeps production lines moving, shift after shift, without a single hiccup.

Why choose the IPC5?

- It thrives where others falter: the fanless, passive-cooled aluminium chassis shrugs off dust, heat, and vibration, so you can mount it in the toughest corners of your plant and forget it's there.
- It responds at the speed of thought: with ten cores reaching up to 4.6 GHz, this machine chews through machine-vision algorithms, real-time control logic, and edge analytics without breaking a sweat.

- It connects to everything that matters: from legacy serial instruments to modern gigabit networks and dual-band Wi-Fi, you'll have every port and wireless option you need to tie your entire operation together.
- It is ready to run from day one: pre-loaded with Windows 11 Professional, you can deploy it, integrate it, and secure it with the tools your IT team already knows.
- It is proudly designed in India: 100% conceived and engineered in-house, the smooth anodised grey finish looks professional in any setting, from a gleaming showroom to a rugged automation cell.

Whether you are upgrading an existing line, building a smart factory, or pushing compute to the edge, the IPC5 gives you dependable power, serious connectivity, and absolute peace of mind. It is not just another industrial PC; it is the quiet backbone your business can build on.



Thinvent Industrial PC IPC5



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 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	2.72kg, 3.14kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

IPC5-i5_13-[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	

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