



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 Pro

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



Master the Edge: Uncompromising Performance Meets Industrial Fortitude.

Introducing the Thinvent® Industrial PC IPC5: a high-performance, fanless powerhouse meticulously 100% designed in India to excel in the most demanding environments. Engineered for advanced industrial automation, machine vision, and critical edge computing, the IPC5 delivers relentless processing capability in a rugged, compact form factor.

Unmatched Performance

- Propelled by an Intel® Core™ i5-1335U processor with 10 cores and turbo speeds up to 4.6 GHz, backed by a 12 MB cache, the IPC5 effortlessly handles complex data processing and real-time analytics.
- Experience lightning-fast operation with 32GB DDR4 RAM and a spacious 1TB SSD, ensuring rapid application loading and ample storage for critical data.

Built for the Toughest Challenges

- Its robust fanless design, housed in a sleek, anodised dark grey aluminium chassis, ensures silent, reliable operation across an expansive 0°C to 50°C temperature range and 20-80% non-condensing humidity.
- Certified with RoHS and ISO standards, the IPC5 guarantees quality and longevity in harsh industrial settings, all within a compact 197mm × 210mm × 65mm footprint.

Seamless Connectivity & Control

- Maximize your operational flexibility with extensive connectivity options, including dual video outputs (HDMI, VGA), two USB 3.2 and two USB 2.0 ports, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac) for reliable wireless communication.
- Comes pre-installed with Windows 11 Pro, offering a familiar and secure environment for all your industrial applications.



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 Pro
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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	
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	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

