



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

SKU: IPC5-I5_13-8-M512-12_5-X-U-0



Experience Unrivaled Industrial Performance, Engineered for Excellence in India.

The Thinvent® Industrial PC IPC5 is a high-performance, rugged, and fanless powerhouse, meticulously designed in India for the most demanding environments. It delivers exceptional speed and reliability for advanced industrial automation, machine vision, and edge computing.

Core Power & Agility

- Drive complex tasks with the Intel® Core™ i5-1335U processor: 10 cores, up to 4.6 GHz, 12 MB cache for seamless processing.
- With 4GB DDR4 RAM and a vast 1TB SSD, the IPC5 ensures rapid data access and boot times, all on the robust Ubuntu Linux 24.04 LTS.

Built for Durability

- Its fanless design guarantees silent, 24/7 operation, eliminating maintenance concerns in challenging conditions (0°C to 50°C, 20-80% non-condensing humidity).

- The robust aluminium housing with a smooth, dark grey anodised finish provides superior protection and a compact footprint (197mm × 210mm × 65mm).
- RoHS and ISO certified for uncompromising quality.

Enhanced Connectivity

- Features extensive wired options: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, Speaker Out, Mic In, and a Gigabit Ethernet port for reliable, high-speed networking.
- Powered by a versatile 100~275V AC input adapter (12V 7A DC output, 2m cable), the IPC5 offers flexible deployment.

Elevate your industrial infrastructure with the Thinvent® IPC5 – where power, ruggedness, and innovation converge.



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	8 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
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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	2.72kg, 3.14kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB 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 Thinix = Thinix™ 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

