



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

No WiFi

Ubuntu Linux

SKU: IPC5-I5_13-16_16-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.



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
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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
	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	
	Thinix = Thinix™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		4S = Quad DB9 Serial	

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