



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: IPC5-I5_13-8-M1024-12_5-M-U-0



Thinvent® Industrial PC IPC5: Unyielding Power for the Demanding Edge.

Experience the future of industrial computing with the Thinvent® Industrial PC IPC5, a high-performance, rugged, and fanless powerhouse engineered for the most challenging environments. Proudly 100% designed in India, its sleek, dark grey anodised aluminium housing offers exceptional durability and a professional finish.

Unrivalled Performance

- At its core, the Intel® Core™ i5-1335U processor delivers immense processing power with 10 cores reaching up to 4.6 GHz and a 12 MB cache, perfectly suited for advanced industrial automation, machine vision, and critical edge computing tasks.
- Multitask seamlessly with 16GB DDR4 RAM, ensuring rapid data processing.
- Boot instantly and access data at lightning speed with the 128GB SSD.
- Powered by Ubuntu Linux 24.04 LTS, offering a stable, secure, and open-source platform.

Built for the Toughest Conditions

- The fanless design eliminates moving parts, ensuring silent operation, preventing dust ingress, and extending lifespan in harsh industrial settings.
- Robust aluminium housing provides superior protection.
- Operates reliably from 0°C to 50°C with 20% to 80% non-condensing humidity.
- RoHS and ISO certified for global quality standards.

Extensive Connectivity

- Connect to diverse peripherals and networks with 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet (1000 Mbps), and dual-band Wi-Fi 5 (802.11ac).
- Versatile display options include HDMI and VGA, plus dedicated speaker out and mic in.
- Powered by a robust 12V 7A adapter with a 2-meter cable and wide 100~275V AC input range.

Compact yet powerful at 197mm × 210mm × 65mm, the IPC5 integrates effortlessly into any setup, delivering consistent, high-speed performance where it matters most.



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	1024 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	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 Thinux = Thinux™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None 4S = Quad DB9 Serial

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