



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

DOS

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



Thinvent® Industrial PC IPC5: Redefine Your Industrial Edge with Uncompromising Power and Reliability.

Experience the pinnacle of industrial computing with the Thinvent® Industrial PC IPC5. Meticulously 100% designed in India, this high-performance, rugged, and fanless PC is engineered for the most demanding environments, delivering unparalleled processing power for advanced industrial automation, machine vision, and edge computing.

Unmatched Performance

- Power your operations with the formidable Intel® Core™ i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz, backed by a 12 MB cache.
- Multitask seamlessly with 16GB DDR4 RAM and enjoy instantaneous boot-ups and rapid data access from the lightning-fast 1TB SSD.

Built for the Toughest Environments

- The fanless design ensures silent operation and zero dust ingress, eliminating maintenance hassles.
- Housed in a durable, dark grey anodised aluminium chassis, the IPC5 withstands challenging conditions.

- Operate confidently in temperatures from 0°C to 50°C and non-condensing humidity from 20% to 80%.
- RoHS and ISO certifications guarantee quality and environmental compliance.

Superior Connectivity and Flexibility

- Connect all your peripherals with ease through extensive I/O options, including 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, HDMI, VGA for dual display support, and audio jacks.
- Stay wirelessly connected with integrated dual-band Wi-Fi 5 (802.11ac).
- The versatile 12V 7A adapter with wide AC input (100-275V) ensures stable power delivery.
- Comes with DOS, providing the flexibility to install your chosen operating system.

The Thinvent® IPC5 is your robust, compact, and powerful solution for future-proofing your industrial infrastructure.



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	FreeDOS
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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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