



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

DOS

SKU: IPC5-I5_13-32_32-M2048-12_7-X-DOS-0



Thinvent IPC5: Powering the Future of Industrial Intelligence, Engineered in India.

Unleash unparalleled performance and uncompromising reliability with the Thinvent® Industrial PC IPC5. Designed and 100% engineered in India, this rugged, fanless powerhouse is built to thrive in the most demanding environments, driving advanced industrial automation, precise machine vision, and critical edge computing applications.

Exceptional Performance and Durability

- Experience blazing-fast processing with the Intel® Core™ i5-1335U processor, featuring 10 cores, a turbo frequency of up to 4.6 GHz, and a substantial 12 MB cache.
- Coupled with 4GB DDR4 RAM and a rapid 256GB SSD, the IPC5 ensures smooth operation for intensive tasks.
- Its robust, fanless aluminium housing, finished in a sleek dark grey anodisation, guarantees silent, maintenance-free operation across temperatures from 0°C to 50°C.

Comprehensive Connectivity

- Connect effortlessly with a rich array of ports, including HDMI and VGA for dual displays.

- Benefit from two USB 3.2 and two USB 2.0 ports for diverse peripherals.
- Secure high-speed network communication via the 1000 Mbps Ethernet port.
- Audio needs are met with dedicated Speaker Out and Mic In ports.

Designed for Your Industrial Needs

- The pre-installed FreeDOS provides maximum operating system flexibility for your specialized software.
- Powered by a stable 12V 7A adapter with a 2-meter cable, accommodating wide power inputs from 100~275V AC.
- Compact dimensions (197mm × 210mm × 65mm) allow for seamless integration into existing setups.
- RoHS and ISO certifications underscore its quality and environmental compliance.

The Thinvent IPC5 stands as a testament to powerful, reliable, and locally engineered industrial computing.



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	2048 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	7 Amps
Power Input	100~275 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	2.82kg, 3.24kg

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

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

m512 = 512GB

m2048 = 2TB

m256 = 256GB

m1024 = 1TB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

4S = Quad DB9 Serial

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