



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

Without OS

Quad DB9 Serial

SKU: IPC5-I5_13-4-M2048-12_7-X-W_OS-4S



Unleash Unrivalled Performance for the Toughest Industrial Frontiers.

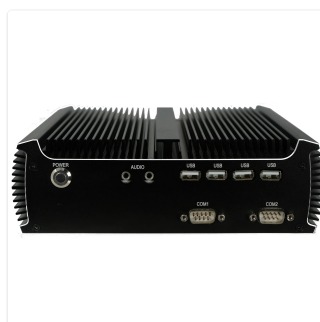
The Thinvent® Industrial PC IPC5 redefines industrial computing with a blend of raw power, rugged design, and extensive connectivity, all 100% designed in India. This high-performance, fanless powerhouse is engineered for the most demanding applications, including advanced industrial automation, machine vision, and edge computing.

Key Advantages

- Unmatched Processing Power:
 - At its core, an Intel® Core™ i5-1335U processor, a 10-core marvel clocking up to 4.6 GHz with a 12 MB cache, ensures blazing-fast execution for complex algorithms and real-time data processing.
- Seamless Operation:
 - Efficient 4GB DDR4 RAM handles intensive multitasking, while a colossal 1TB SSD provides lightning-fast storage for critical applications and data.
- Superior Connectivity:
 - Featuring an exceptional six DB9 RS232 serial ports, this IPC offers unparalleled compatibility for legacy industrial devices and extensive sensor integration.

- Dual display support with HDMI and VGA outputs.
- Four USB ports (2x 3.2, 2x 2.0) and a robust 1000 Mbps Ethernet port ensure versatile peripheral and network integration.
- Built for Endurance:
 - Its rugged, fanless aluminium housing with a smooth, dark grey anodised finish dissipates heat efficiently, ensuring silent, maintenance-free operation in challenging environments from 0°C to 50°C and 20% to 80% non-condensing humidity.
- Adhering to RoHS and ISO certifications, the IPC5 guarantees reliability and compliance.
- Flexible Deployment:
 - Delivered without an operating system, it offers complete freedom to install your preferred industrial OS, perfectly tailoring it to your unique needs.
 - A wide range 100~275V AC power input with a 12V 7A adapter ensures stable power globally.

The Thinvent® IPC5 stands as a testament to cutting-edge engineering, providing the robust, high-performance foundation your industrial operations demand.



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	4 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
Rear Serial Port	4 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	Without OS
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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

www.thinvent.insales@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

