



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 Professional

Quad DB9 Serial

SKU: IPC5-I5_13-8-M1024-12_7-X-11O-4S



Unleash the Power of Precision

Experience relentless performance for your most demanding industrial applications. The Thinvent® IPC5 isn't just an industrial computer; it's the robust heart of your advanced automation, machine vision, and edge computing solutions. Engineered for endurance and designed for efficiency, it's built to thrive where others falter.

Uncompromised Connectivity

- Seamlessly integrate all your legacy and modern equipment with an abundance of serial ports.
- Connect and control with confidence, ensuring your critical data flows without interruption.

Built for the Toughest Environments

- Designed to withstand the rigours of industrial settings, it keeps running smoothly, day in and day out.

- Its fanless, passive cooling system means silent operation and superior reliability, free from dust-related failures.

Intelligent Edge Computing

- Empower your operations with on-site processing power that delivers real-time insights and lightning-fast decision-making.
- Drive innovation and efficiency with a machine designed to be at the forefront of industrial technology.

A Mark of Excellence

- Proudly 100% designed in India, reflecting a commitment to quality and cutting-edge engineering.
- Its sleek, anodised aluminium finish in a sophisticated dark grey signifies robust construction and professional elegance.

Choose Thinvent® IPC5 for a future-proof foundation that drives your business forward.



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
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	Microsoft Windows 11 Professional
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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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