



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 Professional

SKU: IPC5-I5_13-4-M128-12_7-X-11O-0



Powerhouse performance, built to outlast the factory floor.

Introducing the Thinvent® IPC5: the industrial PC that brings desktop-class speed to the harshest environments, engineered entirely in India and refined for relentless operation. This is not just another box in the rack – it is the quiet brain your automation line has been waiting for.

Uncompromising performance

Think ten cores of raw Intel® Core™ i5 processing power, ready to crunch through complex machine vision algorithms, control robotic arms, or stream real-time edge analytics – all without breaking a sweat. When every millisecond matters, the IPC5 responds with the speed and precision your operations demand.

Built for the real world

No fans, no spinning parts, no weak points. The fanless, sealed aluminium housing with a smooth anodised grey finish shrugs off dust, grime, and vibration. It operates reliably in temperatures from freezing to 50°C, so you can mount it anywhere – from a dusty packing line to a sweltering control cabinet – and forget about it.

Connectivity that covers every base

With a generous spread of USB ports, dual serial RS232 ports, dual display outputs, and gigabit Ethernet, the IPC5 connects to legacy machinery and modern sensors alike. You get all the flexibility you need for a truly advanced industrial setup – no extra adapters, no fuss.

A smarter long-term investment

Windows 11 Professional comes pre-installed, so it works straight out of the box. The rugged build, energy-efficient design, and 24/7 reliability mean lower downtime and fewer replacements. When you choose Thinvent, you're backing a product designed and engineered in India – for the world's toughest jobs.

Upgrade your edge. Run with the IPC5.



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	128 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	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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