



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Without OS

Quad DB9 Serial

SKU: IPC5-I5_13-16_16-M2048-12_7-M-W_OS-4S



Unmatched Power, Unyielding Durability: Introducing the Thinvent® Industrial PC IPC5.

This high-performance, fanless, and rugged solution is 100% designed in India for demanding industrial environments. The Thinvent® IPC5 redefines edge computing, advanced industrial automation, and machine vision with its robust capabilities and extensive connectivity.

Unleash exceptional processing might

- At its core, the Intel® Core™ i5-1335U processor delivers 10 cores and speeds up to 4.6 GHz, backed by a generous 12 MB cache.
- Seamlessly handle complex data and multitasking with 64GB DDR4 RAM.
- Store vast amounts of critical data and ensure lightning-fast boot times with a massive 1TB SSD.

Engineered for extreme reliability

- Experience silent, maintenance-free operation thanks to its fanless design.
- The smooth, anodised dark grey aluminium housing ensures superior heat dissipation and rugged protection, allowing operation in temperatures from 0°C to 50°C and humidity up to 80% RH (non-condensing).

- Its compact 197mm × 210mm × 65mm footprint integrates effortlessly into any setup.

Connect to your world

- Dominate connectivity with six DB9 male RS232 serial ports, enabling unparalleled integration with legacy and modern industrial equipment.
- Enjoy versatile display options with one HDMI and one VGA output.
- Benefit from ample peripheral support with two USB 3.2 and two USB 2.0 ports.
- Stay connected with high-speed 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).
- Includes Speaker Out and Mic In for audio capabilities.

Ready for your custom needs

- Shipped without an operating system, providing the flexibility to install your preferred industrial OS or custom software.
- Certified for RoHS and ISO standards, guaranteeing quality and environmental compliance.

The Thinvent® Industrial PC IPC5 is your steadfast partner for mission-critical operations.



Thinvent Industrial PC 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	32 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	110 = Windows 11 Professional		Thinux = Thinux™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	0 = None		4S = Quad DB9 Serial	

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