



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

No WiFi

Without OS

SKU: IPC5-I5_13-16_16-M2048-12_7-X-W_OS-0



Power Your Industrial Future: Rugged, Fanless, and Made for Performance.

Introducing the Thinvent® Industrial PC IPC5, a high-performance, fanless powerhouse meticulously engineered for the demanding world of industrial automation, machine vision, and edge computing. 100% designed in India, this IPC blends cutting-edge technology with unyielding reliability.

Unleash exceptional processing might

- Intel® Core™ i5-1335U processor with 10 cores, bursting up to 4.6 GHz for rapid task execution
- 12 MB cache for accelerated data access
- 16GB DDR4 RAM to effortlessly handle complex applications
- 256GB SSD ensures lightning-fast boot-ups and data transfers

Built to endure, the IPC5 features a robust, fanless design housed in a dark grey, smooth anodised aluminium chassis, eliminating dust ingress and ensuring silent, reliable operation in environments from 0°C to 50°C and 20% to 80% non-condensing humidity.

Extensive connectivity options

- Dual video outputs: 1x HDMI, 1x VGA
- Four USB ports: 2x USB 3.2, 2x USB 2.0
- Gigabit Ethernet (1000 Mbps) for high-speed network communication
- Speaker Out and Mic In for audio integration

With a wide 100-275V AC power input and a compact 197mm x 210mm x 65mm footprint, the IPC5 is certified RoHS and ISO compliant, ready for seamless integration. Delivered without an operating system or WiFi, it offers the ultimate flexibility for tailored industrial deployments. Empower your operations with the robust, intelligent heart of the Thinvent 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

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		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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