



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)

1TB SSD

Dual Band WiFi

DOS

SKU: IPC5-I5_13-16_16-M1024-12_5-M-DOS-0



Thinvent® Industrial PC IPC5: Redefine Your Industrial Edge with Uncompromising Power and Reliability.

Experience the pinnacle of industrial computing with the Thinvent® Industrial PC IPC5. Meticulously 100% designed in India, this high-performance, rugged, and fanless PC is engineered for the most demanding environments, delivering unparalleled processing power for advanced industrial automation, machine vision, and edge computing.

Unmatched Performance

- Power your operations with the formidable Intel® Core™ i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz, backed by a 12 MB cache.
- Multitask seamlessly with 16GB DDR4 RAM and enjoy instantaneous boot-ups and rapid data access from the lightning-fast 1TB SSD.

Built for the Toughest Environments

- The fanless design ensures silent operation and zero dust ingress, eliminating maintenance hassles.
- Housed in a durable, dark grey anodised aluminium chassis, the IPC5 withstands challenging conditions.

- Operate confidently in temperatures from 0°C to 50°C and non-condensing humidity from 20% to 80%.
- RoHS and ISO certifications guarantee quality and environmental compliance.

Superior Connectivity and Flexibility

- Connect all your peripherals with ease through extensive I/O options, including 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, HDMI, VGA for dual display support, and audio jacks.
- Stay wirelessly connected with integrated dual-band Wi-Fi 5 (802.11ac).
- The versatile 12V 7A adapter with wide AC input (100-275V) ensures stable power delivery.
- Comes with DOS, providing the flexibility to install your chosen operating system.

The Thinvent® IPC5 is your robust, compact, and powerful solution for future-proofing your industrial infrastructure.



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	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

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	2.72kg, 3.14kg

OPERATING SYSTEM

Operating System	FreeDOS
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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	
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	Thinix = Thinix™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		4S = Quad DB9 Serial	

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