



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)

512GB SSD

No WiFi

DOS

SKU: IPC5-I5_13-16_16-M512-12_5-X-DOS-0



Thinvent IPC5: Powering the Future of Industrial Intelligence, Engineered in India.

Unleash unparalleled performance and uncompromising reliability with the Thinvent® Industrial PC IPC5. Designed and 100% engineered in India, this rugged, fanless powerhouse is built to thrive in the most demanding environments, driving advanced industrial automation, precise machine vision, and critical edge computing applications.

Exceptional Performance and Durability

- Experience blazing-fast processing with the Intel® Core™ i5-1335U processor, featuring 10 cores, a turbo frequency of up to 4.6 GHz, and a substantial 12 MB cache.
- Coupled with 4GB DDR4 RAM and a rapid 256GB SSD, the IPC5 ensures smooth operation for intensive tasks.
- Its robust, fanless aluminium housing, finished in a sleek dark grey anodisation, guarantees silent, maintenance-free operation across temperatures from 0°C to 50°C.

Comprehensive Connectivity

- Connect effortlessly with a rich array of ports, including HDMI and VGA for dual displays.

- Benefit from two USB 3.2 and two USB 2.0 ports for diverse peripherals.
- Secure high-speed network communication via the 1000 Mbps Ethernet port.
- Audio needs are met with dedicated Speaker Out and Mic In ports.

Designed for Your Industrial Needs

- The pre-installed FreeDOS provides maximum operating system flexibility for your specialized software.
- Powered by a stable 12V 7A adapter with a 2-meter cable, accommodating wide power inputs from 100~275V AC.
- Compact dimensions (197mm × 210mm × 65mm) allow for seamless integration into existing setups.
- RoHS and ISO certifications underscore its quality and environmental compliance.

The Thinvent IPC5 stands as a testament to powerful, reliable, and locally engineered industrial computing.



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	512 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	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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