



# Thinvent Industrial PC IPC5

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 64GB DDR4 RAM

## 1TB SSD

## No WiFi

## DOS

SKU: IPC5-I5\_13-64-M1024-12\_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 x 210mm x 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

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Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	1024 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
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### POWER

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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

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Operating Temperature	0°C ~ 50°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	RoHS, ISO

### PHYSICAL

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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

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE	
<b>IPC5-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
RAM	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
SSD	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB
Wireless	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
OS	<b>DOS</b> = DOS <b>W_OS</b> = Without OS <b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro <b>Thinux</b> = Thinux™ Embedded Linux <b>U</b> = Ubuntu Linux
Accessories	<b>0</b> = None <b>4S</b> = Quad DB9 Serial

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