



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

Windows 11 Pro

SKU: IPC5-I5_13-32_32-M2048-12_7-X-11P-0



Thinvent® Industrial PC IPC5: Unyielding Power, Unrivalled Reliability, Engineered for Industry.

Introducing the Thinvent® Industrial PC IPC5, a high-performance, rugged, and fanless computing powerhouse meticulously 100% designed in India. Built for the demanding needs of advanced industrial automation, sophisticated machine vision, and critical edge computing, the IPC5 delivers relentless performance in the harshest environments.

Performance That Drives Innovation

- Powered by the Intel® Core™ i5-1335U processor, featuring 10 cores, speeds up to 4.6 GHz, and a substantial 12 MB cache, the IPC5 handles complex tasks with ease.
- Coupled with 4GB DDR4 RAM and a lightning-fast 256GB SSD, expect rapid boot times and seamless application execution.

Engineered for Extremes

- Its fanless design ensures silent operation and zero dust ingress, boosting reliability and extending lifespan.
- Encased in a durable, dark grey anodised aluminium housing with a smooth finish, the IPC5 withstands physical stress.

- Operating flawlessly from 0°C to 50°C and 20% to 80% non-condensing humidity, it's certified by RoHS and ISO for proven quality.

Comprehensive Connectivity

- Expand your industrial ecosystem with 2x USB 3.2, 2x USB 2.0, a dedicated 1000 Mbps Ethernet port, HDMI, VGA, Speaker Out, and Mic In.
- This extensive I/O ensures versatile integration for all your peripheral and networking needs.

Operational Excellence

- Pre-loaded with Microsoft Windows 11 Pro, providing a secure and familiar environment for your operations.
- Compact dimensions of 197mm × 210mm × 65mm and a robust 12V 7A power adapter with a 2-meter cable simplify integration.

Experience the robust performance and unwavering reliability of the Thinvent® Industrial PC IPC5 – your essential partner for industrial innovation.



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	64 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	Microsoft Windows 11 Pro
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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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