



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

No WiFi

Windows 11 Pro

Quad DB9 Serial

SKU: IPC5-I5_13-8_8-M2048-12_7-X-11P-4S



Thinvent IPC5: Unyielding Power, Unrivalled Connectivity, Engineered for Tomorrow's Industry.

Elevate your industrial operations with the Thinvent® Industrial PC IPC5, a high-performance, fanless powerhouse designed and 100% made in India. Experience superior processing capabilities for demanding applications like advanced industrial automation, machine vision, and edge computing.

Core Performance

- Intel® Core™ i5-1335U processor: 10 cores, up to 4.6 GHz, 12 MB cache for exceptional speed
- 16GB DDR4 RAM for seamless multitasking
- 128GB SSD for rapid data access and system responsiveness
- Pre-installed Windows 11 Pro for a modern, secure operating environment

Robust Connectivity

- 6 DB9 male RS232 serial ports: Extensive support for legacy and specialized industrial devices
- Versatile display options: 1 HDMI, 1 VGA

- Essential I/O: 2x USB 3.2, 2x USB 2.0, Speaker Out, Mic In
- Gigabyte Ethernet: Reliable 1000 Mbps wired network access

Industrial Strength Design

- Fanless operation: Ensures silent performance, dust-proof reliability, and reduced maintenance in harsh environments
- Rugged aluminium housing: Dark grey anodised finish for extreme durability and a sleek, professional look
- Wide operating range: Perform flawlessly from 0°C to 50°C, 20% to 80% RH (non-condensing)
- Compact form factor: 197mm x 210mm x 65mm for flexible integration
- Certified quality: RoHS and ISO compliance guarantees international standards

The Thinvent IPC5 delivers the reliability and power your critical systems demand, day in and day out.



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	16 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
Rear Serial Port	4 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 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB	m256 = 256GB m1024 = 1TB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinux = Thinux™ Embedded Linux	
Accessories	0 = None	4S = Quad DB9 Serial	

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