



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)

256GB SSD

Dual Band WiFi

Without OS

SKU: IPC5-I5_13-8_8-M256-12_5-M-W_OS-0



Unleash Industrial Power: Thinvent® IPC5 Engineered for Excellence.

The Thinvent® IPC5 is a robust, fanless Industrial PC designed for the most demanding industrial automation, machine vision, and edge computing applications. Experience unparalleled performance and reliability, 100% designed in India. Its compact yet powerful architecture is built to thrive in challenging environments.

Processor Power

- Intel® Core™ i5-1335U processor
- 10 cores for exceptional multitasking
- Reach up to 4.6 GHz for swift processing
- 12 MB cache for rapid data access

Memory and Storage

- 8GB DDR4 RAM for smooth operation
- 256GB SSD for fast boot times and data retrieval

Connectivity Galore

- Dual Band WiFi (802.11ac) for reliable wireless networking
- HDMI and VGA outputs for versatile display options

- 2x USB 3.2 and 2x USB 2.0 ports for broad peripheral support
- 2x Serial Port DB9 male RS232 for legacy device integration
- 1000 Mbps Ethernet for high-speed wired connectivity
- Speaker Out and Mic In for essential audio functions

Rugged Design and Environmental Tolerance

- Durable Aluminium housing with an anodised, dark grey finish
- Operates in temperatures from 0°C to 50°C
- Handles 20% to 80% RH non-condensing humidity
- Compact dimensions: 197mm × 210mm × 65mm

Power and Compliance

- 12V 7A Adapter included
- Wide input voltage range (100~275 Volts AC)
- RoHS and ISO certified for peace of mind
- Supplied without OS, offering complete operating system flexibility.



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	256 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	Without OS
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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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