



Thinvent Industrial PC IPC5

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: IPC5-I5_13-16-M512-12_5-M-THINUX-0



Unleash Industrial Brilliance: Power, Precision, and Unwavering Reliability.

The Thinvent® Industrial PC IPC5 redefines robust computing, delivering unparalleled performance for the most demanding industrial environments. Designed 100% in India, this high-performance, rugged, fanless IPC is engineered for critical applications like advanced industrial automation, sophisticated machine vision, and cutting-edge edge computing.

Exceptional Processing Power

- Experience relentless speed with the Intel® Core™ i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz with 12 MB cache.
- Seamlessly handle complex tasks with 16GB DDR4 RAM and lightning-fast 512GB SSD storage, ensuring responsive operation and rapid data access.

Rugged Durability and Connectivity

- Built to endure, the IPC5 features a sturdy dark grey anodised aluminium housing, offering a smooth finish and fanless operation for silent, maintenance-free performance in temperatures from 0°C to 50°C.

- Extensive connectivity includes 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, HDMI, VGA, Speaker Out, and Mic In, providing versatile options for your industrial peripherals.
- Stay connected with integrated dual-band Wi-Fi 5 (802.11ac) for reliable wireless networking.

Optimized with Thinux™ Embedded Linux

- Powered by Thinvent® Thinux™ Embedded Linux, the IPC5 offers a secure, stable, and feature-rich platform.
- Enjoy built-in browsers like Chromium and Mozilla Firefox.
- Benefit from advanced remote management features including RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, browser-based management, and VNC shadowing.
- Comprehensive application support with Java, Python, glibc, LibreOffice, PDF viewer, multimedia player (MPEG4), and SIP video/voice over IP.

Compact and Certified

- With dimensions of 197mm × 210mm × 65mm, its compact size integrates seamlessly into any setup.
- RoHS and ISO certified, ensuring quality and environmental compliance.



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	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
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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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