Thinvent Industrial PC IPC5

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

32GB DDR5 RAM

1TB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: IPC5-CU5_14L-32_5-M1024-12_5-M-THINUX-0

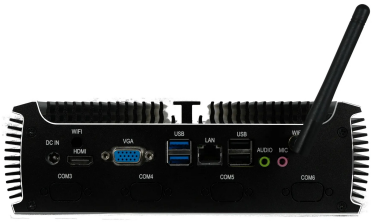
Unleash the power of the industrial edge.

Engineered for the real world, the Thinvent® IPC5 delivers robust, reliable computing where it matters most. This fanless industrial PC is built to thrive in demanding environments, offering silent, maintenance-free operation with a sleek, anodised grey aluminium housing that stands up to dust, vibration, and wide temperature ranges.

Ready for anything your operation throws at it

- Advanced performance for complex tasks like machine vision, real-time analytics, and industrial automation.
- Exceptional connectivity with dual LAN ports, multiple serial connections, and high-speed USB for seamless integration with machinery and sensors.
- Flexible remote management through a browser-based interface, VNC, and RDP for effortless control and monitoring from anywhere.
- A versatile platform supporting industrial applications, multimedia, VoIP, and office tools right out of the box on our optimised Thinux™ OS.

  100% designed in India for global resilience. Choose the IPC5 for a future-proof foundation that powers innovation at the edge.



Thinvent Industrial PC IPC5

Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	1024 GB

DISPLAY

HDMI 2.0	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	2
Front Serial Port	2 DB9 male RS232
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
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

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	2.83kg, 3.25kg

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.

Cable Length	2 Metre

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Ordering Information

PRODUCT CODE

`IPC5-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]`

RAM	**8_5** = 8GB DDR5	**16_5** = 16GB DDR5	**32_5** = 32GB DDR5
SSD	**m128** = 128GB **m32** = 32GB **m1024** = 1TB		**m256** = 256GB **m512** = 512GB
Wireless	**m** = Dual Band WiFi		**X** = No WiFi
OS	**DOS** = DOS **11V** = Windows 11 IoT Value **Thinux** = Thinux™ Embedded Linux		**W_OS** = Without OS **11P** = Windows 11 Pro **U** = Ubuntu Linux
Accessories	**0** = None		**4S** = Quad DB9 Serial

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