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

Quad DB9 Serial

SKU: IPC5-CU5_14L-32_5-M1024-12_5-M-THINUX-4S

The Powerhouse at the Edge: Rugged Industrial Computing, Redefined.

Engineered for Demanding Environments

This isn't just a computer; it's a resilient partner for your most critical operations. With its robust fanless design and aluminium housing, the IPC5 thrives where others falter—withstanding dust, vibration, and wide temperature ranges on the factory floor or at the network edge.

Uncompromised Performance for Complex Tasks

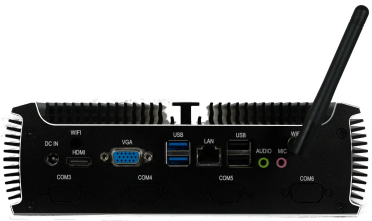
Harness substantial processing power to drive advanced applications effortlessly. From real-time machine vision analytics and sophisticated automation control to intelligent edge computing, this industrial PC delivers the reliable, consistent performance needed to keep your systems running smoothly.

Maximum Connectivity, Ultimate Integration

Forget adapters and complicated setups. With its wealth of built-in legacy and modern ports, the IPC5 connects seamlessly to a vast array of industrial equipment, sensors, and networks. This simplifies installation, reduces points of failure, and ensures you can interface with both new and existing machinery without hassle.

Simplified Management & Built to Last

Gain peace of mind with easy remote monitoring and management capabilities, allowing you to maintain control from anywhere. Proudly 100% designed in India, the IPC5 combines intelligent engineering with a sleek, anodised grey finish, offering a durable and professional solution that is built for the long haul.



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
Rear Serial Port	4 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.

	Amps maximum
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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