



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

512GB SSD

No WiFi

Ubuntu Linux

SKU: IPC5-CU5_14L-32_5-M512-12_5-X-U-0



Engineer the Future, Uncompromised.

Thinvent® IPC5: The rugged, high-performance industrial PC built for the most demanding automation and edge computing tasks. Engineered in India for global resilience.

Unmatched Performance and Reliability

- Deploy powerful, reliable computing at the industrial edge with a silent, fanless design.
- Eliminate dust and maintenance worries for continuous operation in harsh environments.
- Trust in robust performance for advanced applications like machine vision and real-time control.

Ultimate Connectivity and Control

- Seamlessly integrate with legacy and modern industrial systems using versatile ports.

- Establish reliable, high-speed network connections for critical data flow.

- Its sleek, anodised dark grey aluminium housing ensures durability and a professional look.

Simplified, Secure Deployment

- Get started immediately with a pre-installed, stable Ubuntu Linux operating system.

- Focus on your application, not the setup, for faster time-to-value.

- Leverage a purpose-built platform that delivers power where you need it most, every single day.



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	512 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

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	2.83kg, 3.25kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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 Thinix = Thinix™ Embedded Linux		W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None		4S = Quad DB9 Serial

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