



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

32GB SSD

No WiFi

Ubuntu Linux

Quad DB9 Serial

SKU: IPC5-CU5_14L-32_5-M32-12_5-X-U-4S



Engineered for the relentless pace of modern industry.

Meet the Thinvent IPC5, where formidable computing power meets unshakeable ruggedness. This isn't just another industrial PC; it's your partner for the most demanding automation and intelligence tasks on the factory floor.

Uncompromising Power for Critical Applications

Harness the advanced processing muscle to drive complex machine vision systems, execute real-time analytics at the edge, and manage sophisticated automation sequences without breaking a sweat. Its robust performance ensures your operations are always ahead of the curve.

Built Tough for Any Environment

With a completely fanless, solid-state design housed in a sleek anodised aluminium chassis, the IPC5 thrives where others fail. It silently endures dust, vibration, and wide temperature swings, delivering flawless 24/7 reliability in harsh industrial settings.

Superior Connectivity, Simplified Integration

Equipped with an exceptional array of industrial ports, including multiple serial connections, it seamlessly interfaces with a legacy of machinery and modern sensors alike. This extensive connectivity future-proofs your setup and reduces installation complexity.

Proudly designed and engineered in India, the Thinvent IPC5 Industrial PC is the smart, resilient foundation for building a more efficient and intelligent operation.



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	32 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

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

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India

