Thinvent Industrial PC IPC5

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

8GB DDR5 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux



SKU: IPC5-CU5_14L-8_5-M512-12_7-M-U-0

The Silent Powerhouse for Demanding Automation

Unleash the next generation of industrial computing. The Thinvent IPC5 combines formidable processing muscle with unwavering ruggedness in a sleek, fanless chassis. Designed to thrive where others falter, it's the reliable core for your most advanced applications.

Engineered for Uncompromising Performance

Forged with the latest Intel® Core™ Ultra power, the IPC5 delivers the speed and intelligence needed for complex tasks without breaking a sweat. Its fanless, all-aluminium design ensures silent, dust-proof operation in harsh environments, from the factory floor to the remote edge.

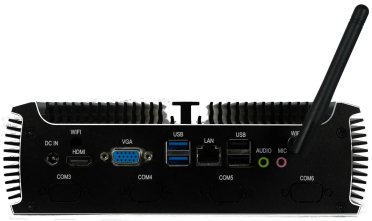
Connect, Control, and Compute with Confidence

This unit is built to integrate seamlessly. With extensive connectivity ports, dual LAN, and robust wireless capabilities, it effortlessly interfaces with machinery, sensors, and networks. It's the perfect central command for sophisticated machine vision systems, real-time analytics, and industrial automation projects.

A Rugged Partner, Proudly Conceived in India

From its robust dark grey anodised body to its resilient internal design, every aspect is crafted for endurance. This is a premium industrial computer, 100% designed in India to meet the specific challenges of modern industry. Deploy it and forget it—reliability is built in.







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	8 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	200mm × 155mm × 37mm
Housing Material	Aluminium
Housing Finish	Anodised
Housing Colour	Dark Grey
Net and Gross Weight	2.92kg, 3.72kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS

Thinvent Industrial PC IPC5

Ordering Information

PRODUCT CODE

`IPC5-cu5_14l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]`

RAM	**8_5** = 8GB DDR5	**16_5** = 16GB DDR5	**32_5** = 32GB DDR5	**32_32_5** = 64GB DDR5 RAM (2 x 32GB)
	16_16_5 = 32GB DDR5 RAM (2 x 16GB)	**8_8_5** = 16GB DDR5 RAM (2 x 8GB)		
SSD	**m128** = 128GB		**m256** = 256GB	
	m512 = 512GB		**m1024** = 1TB	
	m2048 = 2TB			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**Thinux** = Thinux™ Embedded Linux	
	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