Thinvent Industrial PC IPC5

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

16GB DDR5 RAM

512GB SSD

No WiFi

Windows 11 Pro

SKU: IPC5-CU5_14L-16_5-M512-12_7-X-11P-0



Engineer a more connected, intelligent edge with silent, relentless power.

Built for the most demanding industrial environments, the Thinvent IPC5 is a testament to rugged, high-performance computing. Its fanless, solid-state design ensures flawless operation where dust, vibration, and extreme temperatures would halt ordinary PCs. With superior processing muscle and extensive connectivity, it transforms complex data into decisive action right at the source.

Uncompromising performance for critical operations

- Deploy powerful edge computing and machine vision systems that analyse data in real-time, without latency.
- Drive advanced industrial automation with reliable, 24/7 operation in harsh factory settings.
- Leverage dual LAN ports for robust network redundancy and seamless integration into complex control systems.
- Benefit from versatile legacy and modern I/O to connect to a vast array of machinery, sensors, and peripherals.
- Rely on a robust, all-aluminium chassis with a smooth anodised finish, engineered for durability and efficient heat dissipation.

Proudly 100% designed in India, this industrial PC delivers the robust intelligence your smart operations demand. Install it and forget it—the IPC5 works tirelessly so you can focus on innovation.









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	16 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	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	Microsoft Windows 11 Pro

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