



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM (2 x 8GB)

128GB SSD

No WiFi

Windows 11 Pro

SKU: IPC5-I5_12L-8_8-M128-12_7-X-11P-0



Engineer the future with relentless, silent power.

Built for the most demanding industrial environments, the Thinvent IPC5 is the robust computational heart your advanced applications require. Its high-performance Intel Core i5 processor delivers exceptional speed for complex tasks, while the fanless, passive cooling design ensures utterly reliable operation where dust, vibration, and extreme temperatures would halt ordinary computers.

Why choose the IPC5 for your operation

- Unmatched reliability in harsh conditions, from factory floors to outdoor installations, thanks to its rugged aluminium chassis and wide operating temperature range.

- Seamless integration into existing systems with dual Gigabit Ethernet and legacy serial ports, perfect for machine control and data acquisition.
- Ideal for advanced industrial automation, real-time machine vision, and intelligent edge computing, processing critical data where it's generated.
- Proudly 100% designed in India, offering a sophisticated, smooth anodised grey finish that stands up to the rigours of industry.
- Experience the peace of mind that comes with a powerful, silent workhorse engineered to run crucial processes day in, day out, without fail.

Deploy confidence. Deploy the IPC5.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

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	340mm × 235mm × 105mm
Housing Material	Aluminium
Housing Finish	Anodised
Housing Colour	Dark Grey
Net and Gross Weight	2.92kg, 3.34kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE				
IPC5-i5_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB	m256 = 256GB	m512 = 512GB	m1024 = 1TB
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS	11V = Windows 11 IoT Value	11P = Windows 11 Pro
	Thinix = Thinix™ Embedded Linux	U = Ubuntu Linux		
Accessories	0 = None	4S = Quad DB9 Serial		

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