



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

Thinux Embedded Linux

Quad DB9 Serial

SKU: IPC5-I5_12L-16-M128-12_5-M-THINUX-4S



Unleash robust intelligence at the very edge of your operations.

Engineered for Demanding Environments

This high-performance industrial PC is built for relentless duty. Its fanless, rugged aluminium chassis ensures silent, dust-resistant operation in the harshest conditions, from the factory floor to outdoor installations. The smooth anodised grey finish speaks to its durable, 100% India-designed quality.

Power to Transform Your Processes

Harness serious computing muscle for advanced applications without compromise. It effortlessly handles complex tasks like real-time machine vision, sophisticated edge computing analytics, and precision industrial automation, keeping your systems running smoothly and intelligently.

Maximum Connectivity, Ultimate Integration

Forget connectivity bottlenecks. With extensive serial and dual network ports, this unit seamlessly interfaces with a vast array of machinery, legacy equipment, and modern sensors. It consolidates control and data acquisition into one reliable, powerful hub, simplifying your entire architecture.

Ready for Remote Management

Stay in complete control from anywhere. With integrated remote management capabilities, you can monitor, update, and troubleshoot your systems without needing to be on-site, minimising downtime and maximising operational efficiency.



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
Rear Serial Port	4 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

Ordering Information

PRODUCT CODE	
IPC5-i5_121-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB 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 Thinux = Thinux™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None 4S = Quad DB9 Serial

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