



Thinvent Industrial PC IPC5

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

2TB SSD

No WiFi

Without OS

SKU: IPC5-I5_12L-16-M2048-12_7-X-W_OS-0



Engineered for the relentless rhythm of industry, where power meets endurance.

The robust heart of advanced automation

Unlock a new tier of performance for your most demanding applications. This industrial PC delivers the serious processing muscle needed for complex machine vision, real-time analytics, and intelligent edge computing, ensuring your operations keep pace without hesitation.

Built tough for any environment

With a completely fanless, solid aluminium chassis, this unit thrives where others fail. It silently resists dust, vibration, and extreme temperatures, guaranteeing unwavering reliability on the factory floor, in harsh outdoor settings, or within compact control panels.

Maximum connectivity, seamless integration

Designed to connect effortlessly with your existing industrial ecosystem. The generous array of ports, including dual Ethernet and legacy serial connections, allows for direct communication with machinery, sensors, and network infrastructure, simplifying setup and reducing integration headaches.

A sleek, dependable partner

Housed in a sleek, dark grey anodised aluminium case, it combines rugged durability with a professional, low-profile design. Proudly 100% designed in India, it is the intelligent, steadfast core for building the future of your industrial operations.



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	2048 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	Without OS
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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	
	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	
	110 = Windows 11 Professional		Thinux = Thinux™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	0 = None		4S = Quad DB9 Serial	

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