



# Thinvent Industrial PC IPC5

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 32GB DDR4 RAM (2 x 16GB)

## 2TB SSD

## No WiFi

## Without OS

SKU: IPC5-I5\_12L-16\_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.



# Thinvent Industrial PC 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     | 32 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 |
|------------------|------------|

## Ordering Information

## PRODUCT CODE

IPC5-i5\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                                                                                                                 |                                                                         |                                                                                                         |                           |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------|
| RAM         | <div>4 = 4GB DDR4</div> <div>32_32 = 64GB<br/>DDR4 RAM (2 x 32GB)</div>                                                         | <div>8 = 8GB DDR4</div> <div>16_16 = 32GB<br/>DDR4 RAM (2 x 16GB)</div> | <div>16 = 16GB DDR4</div> <div>8_8 = 16GB DDR4<br/>RAM (2 x 8GB)</div>                                  | <div>32 = 32GB DDR4</div> |
| SSD         | <div>m128 = 128GB</div> <div>m512 = 512GB</div> <div>m2048 = 2TB</div>                                                          |                                                                         | <div>m256 = 256GB</div> <div>m1024 = 1TB</div>                                                          |                           |
| Wireless    | <div>m = Dual Band WiFi</div>                                                                                                   |                                                                         | <div>X = No WiFi</div>                                                                                  |                           |
| OS          | <div>DOS = DOS</div> <div>11V = Windows 11 IoT Value</div> <div>110 = Windows 11 Professional</div> <div>U = Ubuntu Linux</div> |                                                                         | <div>W_OS = Without OS</div> <div>11P = Windows 11 Pro</div> <div>Thinux = Thinux™ Embedded Linux</div> |                           |
| Accessories | <div>0 = None</div>                                                                                                             |                                                                         | <div>4S = Quad DB9 Serial</div>                                                                         |                           |

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