



## 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)

### 1TB SSD

### No WiFi

### Ubuntu Linux

SKU: IPC5-I5\_12L-8\_8-M1024-12\_5-X-U-0



Unleash industrial-grade power where others fear to tread.

Meet the IPC5: your silent, steadfast partner for the most demanding industrial environments. Built to thrive on the factory floor, this rugged computer delivers relentless performance without a single moving part, eliminating dust intrusion and mechanical failure.

#### Engineered for the edge

- Conquer complex tasks like advanced machine vision and real-time automation with seamless, multi-core processing power.
- Connect effortlessly to a vast array of legacy and modern industrial equipment with dual LAN and multiple serial ports.

- Deploy with absolute confidence in harsh conditions, thanks to its robust, fanless aluminium chassis and wide operating temperature range.
- Benefit from a stable, secure, and open-source foundation with the pre-installed Ubuntu Linux operating system.

From precise automation to intelligent edge analytics, the IPC5 provides the dependable, high-performance backbone your critical operations deserve. Proudly 100% designed in India, it's the smart, resilient choice for building the future of industry.



## 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     | 1024 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   | 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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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