



# 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)

## 1TB SSD

## Dual Band WiFi

## Thinux Embedded Linux

SKU: IPC5-I5\_12L-16\_16-M1024-12\_10-M-THINUX-0



Unlock the next generation of industrial intelligence, designed to thrive where others fail.

### Engineered for relentless performance

Harness the power of a 12th Gen Intel Core processor for demanding tasks like real-time machine vision and complex edge computing. This fanless industrial PC delivers uncompromising performance without a single moving part, ensuring total reliability in harsh, dusty environments.

### Built for the most demanding environments

Its rugged, all-aluminium chassis with a smooth anodised finish isn't just for show. It provides superior thermal management and robust protection, built to operate flawlessly from the factory floor to the outdoor edge. This is industrial-grade resilience, 100% designed in India.

### Connectivity to control it all

With dual LAN ports, serial connectivity, and dual-band Wi-Fi, it seamlessly integrates into existing networks and legacy systems. Manage everything remotely with ease through the browser-based interface or advanced remote access tools, keeping your operations running smoothly from anywhere.

### Your platform for innovation

Pre-loaded with Thinvent Thinux, it offers a secure and stable foundation for custom industrial applications, from automation control to data aggregation. It's the robust, powerful, and connected heart your advanced industrial solutions need.



# 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     | 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                             |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 10 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 | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                                                  |
| OS Features      | <p>Chromium and Mozilla Firefox browsers.</p> <p>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.</p> <p>Browser based remote management. VNC shadowing.</p> <p>Java, Python and glibc based location application support.</p> <p>LibreOffice and PDF viewer.</p> <p>Multimedia player with MPEG4 support.</p> <p>SIP video and voice over IP.</p> |

## Ordering Information

| PRODUCT CODE                                                |                                  |                                  |                               |                |
|-------------------------------------------------------------|----------------------------------|----------------------------------|-------------------------------|----------------|
| IPC5-i5_12L-[RAM]-[SSD]-12_10-[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          |                |

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

### R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

### Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

