



# Thinvent 15" Industrial Panel PC

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 32GB DDR5 RAM

## 2TB SSD

## Dual Band WiFi

## Windows 11 Pro

## Thinvent Keyboard and Mouse set

SKU: PPC15-CU5\_14L-32\_5-M2048-12\_5-M-11P-KM



Power your shop floor with a panel PC built to keep up.

The Thinvent 15" Industrial Panel PC brings serious computing power right to the point of work. With an Intel Core Ultra 5 125U processor delivering 12 cores and speeds up to 4.3 GHz, it handles demanding industrial software, dashboards, and multi-tasking without hesitation.

### Why choose this panel PC

- Run modern industrial applications smoothly thanks to a 14th generation Intel Core Ultra processor and fast SSD storage.
- See clearly from any position with a 15 inch screen offering 178 degree viewing angles and 350 nits brightness.
- Connect to your existing equipment easily using dual Gigabit Ethernet ports, USB, HDMI, VGA, and optional RS485.
- Stay connected wirelessly with dual band WiFi.
- Work confidently in demanding environments with aluminium housing and fanless passive cooling.

- Get started straight away with Windows 11 Pro, plus a Thinvent keyboard and mouse set included.

### Who is it for

- Factory and production teams needing a reliable terminal on the line.
- Machine builders wanting a dependable display and control unit.
- Warehouses and logistics operations tracking stock in real time.
- Laboratories and workshops running specialist software at the bench.

The Thinvent 15" Industrial Panel PC is a smart investment for businesses that need dependable computing where the work actually happens. It combines powerful processing, flexible connectivity, and a clear, wide-angle display in one practical package. If you rely on your systems day in and day out, this is the panel PC to build around.



# Thinvent 15" Industrial Panel PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 14th    |
| Series          | Ultra 5 |
| Processor Brand | Intel   |
| Processor Model | 125U    |
| Cores           | 12      |
| Max Frequency   | 4.3 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 2048 GB |

### DISPLAY

|               |                                |
|---------------|--------------------------------|
| Screen Size   | 15 inch                        |
| Resolution    | 1024 × 768                     |
| Brightness    | 350 nits                       |
| Viewing Angle | Horizontal 178°, Vertical 178° |
| HDMI 2.0      | 1                              |
| VGA           | 1                              |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 2 |
| RS485 Option | 1 |

### 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

|                    |      |
|--------------------|------|
| Ingress Protection | IP65 |
|--------------------|------|

### PHYSICAL

|                      |                         |
|----------------------|-------------------------|
| Form Factor          | Panel PC                |
| Thermal Design       | Fanless Passive Cooling |
| Housing Material     | Aluminium               |
| Net and Gross Weight | 1.35kg, 1.35kg          |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

| PRODUCT CODE                                                 |                                      |                                 |                  |                                      |
|--------------------------------------------------------------|--------------------------------------|---------------------------------|------------------|--------------------------------------|
| PPC15-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories] |                                      |                                 |                  |                                      |
| RAM                                                          | 8_5 = 8GB DDR5                       | 16_5 = 16GB DDR5                | 32_5 = 32GB DDR5 | 32_5_32_5 = 64GB DDR5 RAM (2 x 32GB) |
|                                                              | 16_5_16_5 = 32GB DDR5 RAM (2 x 16GB) |                                 |                  |                                      |
| 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        | Thinix = Thinix™ Embedded Linux |                  |                                      |
|                                                              | U = Ubuntu Linux                     |                                 |                  |                                      |
| Accessories                                                  | 0 = None                             | KM = Keyboard and Mouse set     |                  |                                      |
|                                                              | MK = Mechanical Keyboard             | Mo = Wired Optical Scroll Mouse |                  |                                      |

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