



# Thinvent 15" Industrial Panel PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 8GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: PPC15-I5\_14-8-M512-12\_7-M-U-0



Big performance, compact panel: your shop floor just got smarter.

The Thinvent 15" Industrial Panel PC brings desktop-class responsiveness to the point of work. With a 14th-generation Intel Core 5 120U processor and 10 cores reaching up to 5.0 GHz, it keeps pace with demanding dashboards, live production data and multi-window workflows without stutter.

### Why teams choose it

- Fast, fluid performance for machine control, monitoring and data entry where lag costs money
- Ubuntu Linux 24.04 LTS out of the box, ideal for kiosks, terminals and bespoke industrial software
- Fanless passive cooling in an aluminium housing, so it keeps running in dusty, hot production environments
- A bright 15" display with wide viewing angles, readable from across the line and from almost any position

- Dual band WiFi and Gigabit Ethernet keep your systems connected to plant networks and the cloud
- Two HDMI ports, VGA, four USB ports plus audio in and out for scanners, cameras, printers and legacy equipment
- A compact panel form factor that fits into control cabinets, workstations and machine enclosures

Whether you are upgrading an ageing terminal, building a shop-floor dashboard or rolling out a fleet of operator stations, this panel PC gives you the speed, connectivity and reliability to get it done. Simple to deploy, straightforward to maintain, and built to earn its place on your line.

Choose Thinvent for industrial computing that works as hard as you do.



# Thinvent 15" Industrial Panel PC



## Specifications

### PROCESSING

|                 |        |
|-----------------|--------|
| Generation      | 14th   |
| Series          | i5     |
| Processor Brand | Intel  |
| Processor Model | 120U   |
| Cores           | 10     |
| Max Frequency   | 5 GHz  |
| Cache           | 12 MB  |
| Main Memory     | 8 GB   |
| SSD Storage     | 512 GB |

### DISPLAY

|               |                                |
|---------------|--------------------------------|
| Screen Size   | 15 inch                        |
| Resolution    | 1024 × 768                     |
| Brightness    | 350 nits                       |
| Viewing Angle | Horizontal 178°, Vertical 178° |
| HDMI          | 2                              |
| VGA           | 1                              |

### AUDIO

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

### CONNECTIVITY

|         |   |
|---------|---|
| USB 3.0 | 2 |
| USB 2.0 | 2 |

### NETWORKING

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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

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

### PHYSICAL

|                      |                         |
|----------------------|-------------------------|
| Form Factor          | Panel PC                |
| Thermal Design       | Fanless Passive Cooling |
| Housing Material     | Aluminium               |
| Net and Gross Weight | 0.53kg, 0.53kg          |

### OPERATING SYSTEM

|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## Ordering Information

| PRODUCT CODE                                               |                               |                                 |                |                |
|------------------------------------------------------------|-------------------------------|---------------------------------|----------------|----------------|
| PPC15-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] |                               |                                 |                |                |
| RAM                                                        | 4 = 4GB DDR4                  | 8 = 8GB DDR4                    | 16 = 16GB DDR4 | 32 = 32GB DDR4 |
| 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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