



# Thinvent 15" Industrial Panel PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 8GB DDR4 RAM

## 256GB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: PPC15-I3\_12-8-M256-12\_7-X-U-KM



Fast, focused, and built for the factory floor.

The Thinvent® 15" Industrial Panel PC is the straightforward upgrade for teams still relying on an ageing desktop PC or an alternative to legacy panel units on the shop floor. With a 12th generation Intel® Core™ i3-1215U processor, it responds quickly to whatever your operators throw at it, keeping production software, dashboards and line-side terminals running smoothly through the shift.

### Why teams choose it

- A 15 inch screen with 1024 × 768 resolution and 350 nits brightness stays readable under factory lighting, while 178° viewing angles mean the display looks right from wherever the operator stands.
- Ubuntu Linux 24.04 LTS comes ready to run, so you can deploy without wrestling with licensing or unexpected updates.
- Fanless passive cooling in an aluminium housing means no moving parts to clog with dust or fail in a hot production area.

- Gigabit Ethernet, HDMI, VGA and four USB ports make it easy to connect to existing plant equipment, while an RS485 option is available for industrial devices.
- A keyboard and mouse set is included, so the workstation is ready the moment it arrives.

### Where it fits

- Production line terminals and machine control stations
- Warehouse and logistics dashboards
- Factory floor data entry and monitoring
- Kiosks and self-service points in industrial settings

If you need a dependable panel PC that keeps operators working instead of waiting, the Thinvent® 15" Industrial Panel PC is the practical choice.



# Thinvent 15" Industrial Panel PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 8 GB    |
| SSD Storage     | 256 GB  |

### DISPLAY

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

### 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 | 1.41kg, 1.41kg          |

### ACCESSORIES

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

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

PPC15-i3\_12-[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**m512** = 512GB**m2048** = 2TB**m256** = 256GB**m1024** = 1TB

## Wireless

**m** = Dual Band WiFi**X** = No WiFi

## OS

**DOS** = DOS**11V** = Windows 11 IoT Value**110** = Windows 11 Professional**U** = Ubuntu Linux**W\_OS** = Without OS**11P** = Windows 11 Pro**Thinix** = Thinix™ Embedded Linux

## Accessories

**0** = None**MK** = Mechanical Keyboard**KM** = Keyboard and Mouse set**Mo** = Wired Optical Scroll Mouse[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

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