



# Thinvent 15" Industrial Panel PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

## 32GB DDR4 RAM (2 x 16GB)

## 2TB SSD

## No WiFi

## Windows 11 IoT Value

SKU: PPC15-I3\_12L-16\_16-M2048-12\_7-X-11V-0



Your shop floor deserves a screen that keeps up.

The Thinvent 15 inch Industrial Panel PC brings serious computing power to the factory floor, the warehouse bench and the production line. At its heart sits an Intel Core i3-1215U processor with six cores running up to 4.4 GHz, so your dashboards, machine interfaces and data logging applications respond instantly instead of making operators wait.

### Why businesses choose it

- Run demanding industrial software without stutter, from SCADA displays to production tracking dashboards.
- Dual gigabit Ethernet ports let you connect to both your machine network and your office network from a single panel.
- The 15 inch display with wide viewing angles stays clear and readable from almost anywhere an operator stands.

- An aluminium housing and fanless passive cooling mean fewer moving parts to fail and less maintenance downtime.
- Windows 11 IoT Enterprise LTSC 2024 Value gives you a stable, long-life platform built for embedded and industrial deployments.
- RS485 support connects directly to legacy plant equipment, programmable logic controllers and sensors.
- USB 3.2, HDMI and VGA ports make integration with existing peripherals straightforward.

Whether you are upgrading an ageing terminal on a packaging line or building a control station for a new production cell, this panel PC is built to sit where the work happens and keep running shift after shift. Simple to deploy, easy to live with, and ready for the long haul.



# 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     | 32 GB   |
| SSD Storage     | 2048 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 |
| RS485 Option | 1 |

### NETWORKING

|                |           |
|----------------|-----------|
| Ethernet       | 1000 Mbps |
| Ethernet Ports | 2         |

### 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 |
| Dimensions           | 370mm × 290mm × 55mm    |
| Housing Material     | Aluminium               |
| Net and Gross Weight | 4.72kg, 5.30kg          |

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

PPC15-i3\_12L-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                                                                                                                 |                                                                                                         |                                                                    |                           |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------|
| RAM         | <div>4 = 4GB DDR4</div> <div>32_32 = 64GB DDR4 RAM (2 x 32GB)</div>                                                             | <div>8 = 8GB DDR4</div> <div>16_16 = 32GB DDR4 RAM (2 x 16GB)</div>                                     | <div>16 = 16GB DDR4</div> <div>8_8 = 16GB DDR4 RAM (2 x 8GB)</div> | <div>32 = 32GB DDR4</div> |
| SSD         | <div>m128 = 128GB</div> <div>m512 = 512GB</div> <div>m2048 = 2TB</div>                                                          | <div>m256 = 256GB</div> <div>m1024 = 1TB</div>                                                          |                                                                    |                           |
| Wireless    | <div>m = Dual Band WiFi</div>                                                                                                   | <div>X = No WiFi</div>                                                                                  |                                                                    |                           |
| OS          | <div>DOS = DOS</div> <div>11V = Windows 11 IoT Value</div> <div>110 = Windows 11 Professional</div> <div>U = Ubuntu Linux</div> | <div>W_OS = Without OS</div> <div>11P = Windows 11 Pro</div> <div>Thinux = Thinux™ Embedded Linux</div> |                                                                    |                           |
| Accessories | <div>0 = None</div> <div>MK = Mechanical Keyboard</div>                                                                         | <div>KM = Keyboard and Mouse set</div> <div>Mo = Wired Optical Scroll Mouse</div>                       |                                                                    |                           |

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