



## Thinvent 15" Industrial Panel PC

### Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

### 16GB DDR4 RAM

### 1TB SSD

### Dual Band WiFi

### Ubuntu Linux

SKU: PPC15-I3\_13-16-M1024-12\_7-M-U-0



Big performance for the shop floor, in a panel that fits right in.

The 15 inch Industrial Panel PC from Thinvent brings serious computing power to environments where ordinary computers struggle. Powered by a 13th generation Intel Core i3 processor, it responds quickly to whatever your operators throw at it, from production dashboards to point of sale to machine control.

#### Why it belongs on your line

- Fast, responsive performance. Six cores and speeds up to 4.5 GHz keep demanding applications running smoothly, so your team is never waiting on the screen.
- Built for the real world. A fanless passive design and aluminium housing mean fewer moving parts to fail and less downtime to worry about.

- Clear from every angle. The 15 inch display with wide viewing angles stays readable whether you are standing directly in front of it or off to the side.
- Ready to connect. Dual band WiFi and gigabit Ethernet keep your panel linked to the rest of your operation, while USB, HDMI and VGA ports make integration straightforward.
- Software you can rely on. Ubuntu Linux 24.04 LTS delivers a stable, secure platform that is easy to manage across a fleet of machines.

If you need a dependable panel PC that keeps production moving shift after shift, the Thinvent 15 inch Industrial Panel PC is the practical choice.



# Thinvent 15" Industrial Panel PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 1024 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 |

### 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 | 0.82kg, 0.82kg          |

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**PPC15-i3\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

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

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