



# Thinvent 15" Industrial Panel PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 4GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Thinux Embedded Linux

SKU: PPC15-I3\_13-4-M512-12\_7-M-THINUX-0



Fast, focused and built to run your line all day.

The Thinvent 15" Industrial Panel PC puts responsive Intel Core i3 performance right where your operators work. With six cores ready to handle demanding applications, it keeps dashboards, terminals and control screens moving without hesitation.

### Where it earns its place

- Shop floor terminals that need a clear, readable screen in busy environments
- Production dashboards and machine interfaces that must stay responsive shift after shift
- Kiosks, access points and information stations that run unattended
- Remote monitoring and support, with browser based management, VNC shadowing and RDP built in
- Locations running Java, Python or browser based applications, supported out of the box

### Why teams choose it

- Intel Core i3-1315U performance means smooth multitasking, not stutter
- The 15 inch display with wide viewing angles stays clear from different positions on the floor
- Thinux Embedded Linux arrives ready to work, with browsers, remote tools, office and multimedia support already in place
- Aluminium housing and passive cooling suit demanding industrial settings
- Dual band WiFi and Gigabit Ethernet keep your systems connected
- Flexible connectivity makes it easy to fit into existing setups

If you need a dependable panel PC that handles real industrial workloads without fuss, this is the one to specify.



# 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     | 4 GB    |
| SSD Storage     | 512 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 | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                                                  |
| OS Features      | <p>Chromium and Mozilla Firefox browsers.</p> <p>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.</p> <p>Browser based remote management. VNC shadowing.</p> <p>Java, Python and glibc based location application support.</p> <p>LibreOffice and PDF viewer.</p> <p>Multimedia player with MPEG4 support.</p> <p>SIP video and voice over IP.</p> |

## Ordering Information

## PRODUCT CODE

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

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

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