



## Thinvent 15" Industrial Panel PC

### Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

### Dual LAN

### 8GB DDR4 RAM

### 1TB SSD

### No WiFi

### Without OS

SKU: PPC15-I3\_12L-8-M1024-12\_7-X-W\_OS-0



Big screen control, built for the factory floor.

The Thinvent 15" Industrial Panel PC puts a bright, wide-viewing display right where the work happens, driven by an Intel Core i3-1215U processor that keeps up with demanding production software.

#### Why it belongs on your line

- The 15 inch screen with 178° viewing angles stays clear from almost any position, so operators can read it without crowding the panel.
- Fanless passive cooling in an aluminium housing means fewer moving parts to fail and less downtime for maintenance.
- Dual gigabit Ethernet ports let you connect to both machine networks and plant systems at the same time.
- An optional RS485 port makes it straightforward to link with legacy industrial equipment and controllers.

- USB 3.2, HDMI and VGA give you room to add peripherals, secondary displays or data capture devices.
- No operating system preinstalled means you choose the software stack that fits your plant, without paying for licences you will not use.

#### Where it works

- Production line monitoring and machine control stations.
- Warehouse and logistics dashboards.
- Building automation and access control desks.
- Test benches and laboratory data terminals.

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



# 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     | 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 |
| 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 |
| Housing Material     | Aluminium               |
| Net and Gross Weight | 0.90kg, 0.90kg          |

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## 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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