



# Thinvent 15" Industrial Panel PC

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 8GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 IoT Value

## Thinvent Keyboard and Mouse set

SKU: PPC15-I7\_12L-8-M128-12\_7-X-11V-KM



Speed your shop floor can rely on, shift after shift.

The Thinvent® 15" Industrial Panel PC brings Intel® Core™ i7-1255U performance right to the point of work, so your team spends time making things rather than waiting on screens. With ten cores responding in an instant, dashboards refresh smoothly, production data updates live, and operator stations keep pace with your line.

### Why teams choose it

- Runs demanding plant software without stutter, from SCADA views to MES terminals and quality dashboards
- Dual gigabit Ethernet ports let you keep machine networks and office networks separate on one panel
- A bright 15" display with wide viewing angles stays readable from different positions on the floor
- Aluminium housing and fanless passive cooling mean no vents to clog and no fans to fail in dusty production areas

- Serial connectivity options let you link older plant equipment alongside modern systems
- Windows 11 IoT Enterprise LTSC keeps your terminals stable and supported for the long haul
- Keyboard and mouse included, so you can deploy a complete workstation out of the box

### Who it suits

- Factory and workshop operators running machine interfaces and production tracking
- Warehouse and logistics teams managing inventory and dispatch screens
- Control rooms and utility monitoring stations needing a dependable fixed terminal
- System integrators building industrial kiosks and automation panels

If you need a panel PC that keeps up with heavy workloads and keeps running where ordinary computers struggle, this is the one to specify.



# Thinvent 15" Industrial Panel PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i7      |
| Processor Brand | Intel   |
| Processor Model | 1255U   |
| Cores           | 10      |
| Max Frequency   | 4.7 GHz |
| Cache           | 12 MB   |
| Main Memory     | 8 GB    |
| SSD Storage     | 128 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 | 1.45kg, 1.45kg          |

### ACCESSORIES

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

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

PPC15-i7\_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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