



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: PPC15-I5_14-4-M2048-12_7-M-11V-KM



Big screen control, built for the factory floor.

The Thinvent 15" Industrial Panel PC brings a large, clear display and serious processing power to production lines, kiosks and control rooms. With an Intel Core 5 120U processor and 10 cores behind it, your dashboards, machine interfaces and monitoring software respond quickly, even when several tasks run at once.

Why teams choose it

- A 15 inch screen with wide viewing angles means operators can read status, charts and alarms from wherever they stand, without crowding the panel.
- Fanless passive cooling in an aluminium housing keeps it working through dust, heat and long shifts, so you spend less time on maintenance and more time on output.

- Windows 11 IoT Enterprise LTSC 2024 Value gives you a stable, long-life platform for industrial software, with fewer disruptive updates.
- Dual band WiFi and Gigabit Ethernet keep your panel connected to plant networks and management systems.
- Plenty of ports, including HDMI, VGA, USB and audio, make it easy to link displays, peripherals and legacy equipment.
- The included Thinvent keyboard and mouse set means you can deploy it straight out of the box.

Whether you are upgrading an existing workstation or fitting out a new line, this panel PC is a dependable, long-term addition to your operation.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	2048 GB

DISPLAY

Screen Size	15 inch
Resolution	1024 × 768
Brightness	350 nits
Viewing Angle	Horizontal 178°, Vertical 178°
HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	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
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PHYSICAL

Form Factor	Panel PC
Thermal Design	Fanless Passive Cooling
Housing Material	Aluminium
Net and Gross Weight	1.05kg, 1.05kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE				
PPC15-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB	m256 = 256GB		
	m512 = 512GB	m1024 = 1TB		
	m2048 = 2TB			
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS		
	11V = Windows 11 IoT Value	11P = Windows 11 Pro		
	110 = Windows 11 Professional	Thinix = Thinix™ Embedded Linux		
	U = Ubuntu Linux			
Accessories	0 = None	KM = Keyboard and Mouse set		
	MK = Mechanical Keyboard	Mo = Wired Optical Scroll Mouse		

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