



Thinvent 15" Industrial Panel PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

32GB DDR5 RAM

512GB SSD

No WiFi

Ubuntu Linux

SKU: PPC15-CU5_14L-32_5-M512-12_5-X-U-0



Speed and reliability for the factory floor.

The Thinvent 15" Industrial Panel PC brings Intel Core Ultra 5 performance to your production line, control room or kiosk, with a responsive 12-core processor that keeps up with demanding industrial software.

Why choose this panel PC

- Runs Ubuntu Linux 24.04 LTS straight out of the box, so you can deploy your applications without fighting a locked-down operating system.
- Dual gigabit Ethernet ports let you separate machine control traffic from your plant network, keeping things organised and secure.
- Fanless passive cooling in an aluminium housing means one less moving part to fail, so your panel keeps working shift after shift.

- The 15 inch 1024 x 768 display with 350 nits brightness and wide viewing angles stays readable from different positions on the floor.
- RS485 and USB connectivity make it straightforward to link with PLCs, sensors and legacy equipment.
- Powered from a standard 12V 5A adapter, it slots into typical industrial power setups without special wiring.

Whether you are running a production terminal, a warehouse dashboard or an interactive kiosk, this panel PC gives you the processing headroom and the connectivity to get the job done. Choose Thinvent for industrial computing you can rely on.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

Screen Size	15 inch
Resolution	1024 × 768
Brightness	350 nits
Viewing Angle	Horizontal 178°, Vertical 178°
HDMI 2.0	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	0.83kg, 0.83kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE				
PPC15-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]				
RAM	8_5 = 8GB DDR5	16_5 = 16GB DDR5	32_5 = 32GB DDR5	32_5_32_5 = 64GB DDR5 RAM (2 x 32GB)
	16_5_16_5 = 32GB DDR5 RAM (2 x 16GB)			
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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