



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

1TB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: PPC15-CU5_14L-32_5-M1024-12_7-M-DOS-KM



Big-screen control for the factory floor.

The Thinvent® 15" Industrial Panel PC puts a clear, wide view right where the work happens. With a 15 inch display and 178° viewing angles, operators can read status, dashboards and machine data from almost any position, while 350 nits of brightness keeps the screen usable in busy, well-lit environments.

Built for the realities of industrial settings

- A 14th generation Intel® Core™ Ultra 5 125U processor with 12 cores responds quickly to demanding applications, so screens update without lag and workflows keep moving.
- Fanless passive cooling and an aluminium housing mean fewer moving parts to wear out, making it a sensible choice for dusty, hot or vibration-prone areas.
- Dual 1000 Mbps Ethernet ports let you connect to both a plant network and a local device, simplifying integration on the line.

- USB 3.2 and USB 2.0 ports, HDMI 2.0, VGA, speaker out and mic in cover everyday peripherals, from barcode scanners to monitors and headsets.
- An optional RS485 port makes it straightforward to link with legacy industrial equipment and controllers.
- Dual band Wi-Fi 5 keeps wireless connectivity available where cabling is impractical.

It arrives ready to use with a Thinvent® keyboard and mouse set, and FreeDOS gives you the freedom to install the operating system your site already standardises on.

If you need a dependable, large-format panel PC that fits into real production environments rather than fighting them, the Thinvent® 15" Industrial Panel PC is the practical answer.



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	1024 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
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
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	5.27kg, 5.85kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE				
PPC15-cu5_14l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	8_5 = 8GB DDR5	16_5 = 16GB DDR5	32_5 = 32GB DDR5	32_32_5 = 64GB DDR5 RAM (2 x 32GB)
	16_16_5 = 32GB DDR5 RAM (2 x 16GB)	8_8_5 = 16GB DDR5 RAM (2 x 8GB)		
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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