



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 Pro

SKU: PPC15-I5_14-4-M1024-12_7-M-11P-0



Speed and clarity on the factory floor.

The Thinvent 15" Industrial Panel PC brings desktop-class performance to the places where work actually happens. With a 14th-generation Intel Core 5 processor and ten cores working together, it keeps up with demanding production software, dashboards and data logging without hesitation.

Why choose this panel PC

- Built for the shop floor, not the office. Its aluminium housing and fanless passive cooling mean there is no fan to clog with dust, so it keeps running in hot, gritty environments where ordinary computers struggle.
- See everything clearly. The 15 inch screen with 350 nits brightness and wide 178° viewing angles stays readable from almost any position, whether mounted at eye level or viewed from the side by a second operator.

- Connect to your existing equipment. Dual HDMI, VGA, four USB ports and Gigabit Ethernet make it straightforward to link with legacy machinery, barcode scanners and plant networks.
- Stay connected wirelessly. Dual band Wi-Fi 5 keeps your line-side terminals talking to the rest of your operation.
- Ready to work out of the box. Windows 11 Pro comes pre-installed, so you can deploy it straight onto the line.

Whether you are upgrading an ageing terminal or equipping a new production cell, this panel PC gives you the computing power and reliability your operation needs, day after day.



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	1024 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	0.53kg, 0.53kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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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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