



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: PPC15-I5_14-32-M512-12_7-X-11V-KM



Speed and stamina for the shop floor.

The Thinvent 15" Industrial Panel PC brings 14th generation Intel Core 5 performance to the places where ordinary computers struggle. With 10 cores reaching up to 5.0 GHz, it keeps pace with demanding production software, dashboards and data logging without breaking a sweat.

Why it belongs on your line

- Built for continuous operation, so your shift never waits for a reboot.
- Fanless passive cooling in an aluminium housing means fewer moving parts to fail and less dust pulled inside.
- The 15 inch screen with 350 nits brightness and 178 degree viewing angles stays readable from almost anywhere on the bench.
- Windows 11 IoT Enterprise LTSC 2024 Value gives you a stable, long-life platform with far less update disruption.

- A full set of ports, including dual HDMI, VGA, four USB ports and gigabit Ethernet, connects to your existing equipment without adapters.
- The included keyboard and mouse set means you are up and running out of the box.

Where it earns its keep

- Production monitoring stations that run all day.
- Machine control interfaces on the factory floor.
- Warehouse and logistics terminals.
- Laboratory and testing benches.
- Kiosks and information points in busy environments.

If you need a panel PC that simply keeps working while the pressure stays on, this is the one to specify.



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	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
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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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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