



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

SKU: PPC15-I5_14-4-M512-12_7-X-U-0



Built for the factory floor, ready for your software.

The Thinvent® 15" Industrial Panel PC brings serious computing power to demanding work environments. With a 14th generation Intel® Core™ 5 120U processor and 10 cores running at up to 5.0 GHz, it handles your dashboards, machine interfaces and data logging without hesitation.

Why choose this panel PC

- Run your production software on Ubuntu Linux 24.04 LTS, a stable platform your team can trust for years.
- See clearly from any angle thanks to the 15 inch screen with 178° horizontal and vertical viewing angles and 350 nits of brightness.
- Keep your workspace tidy and your system running with fanless passive cooling and an aluminium housing, so there are fewer moving parts to wear out.
- Connect your existing equipment with two HDMI ports, VGA, four USB ports, gigabit Ethernet, speaker out and mic in.
- Deploy with confidence using the included 12V 5A adapter and 2 metre cable.
- Rely on a machine designed to sit at the heart of your operation, shift after shift.

If your current setup struggles with modern workloads or you need a dependable panel PC for a new line, this is the answer. It is a serious tool for serious work.

Upgrade your operation with Thinvent®.



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	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	0.53kg, 0.53kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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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