



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: PPC15-I5_14-16-M1024-12_7-M-U-0



Big performance, compact panel: your shop floor just got smarter.

The Thinvent 15" Industrial Panel PC brings desktop-class responsiveness to the point of work. With a 14th-generation Intel Core 5 120U processor and 10 cores reaching up to 5.0 GHz, it keeps pace with demanding dashboards, live production data and multi-window workflows without stutter.

Why teams choose it

- Fast, fluid performance for machine control, monitoring and data entry where lag costs money
- Ubuntu Linux 24.04 LTS out of the box, ideal for kiosks, terminals and bespoke industrial software
- Fanless passive cooling in an aluminium housing, so it keeps running in dusty, hot production environments
- A bright 15" display with wide viewing angles, readable from across the line and from almost any position

- Dual band WiFi and Gigabit Ethernet keep your systems connected to plant networks and the cloud
- Two HDMI ports, VGA, four USB ports plus audio in and out for scanners, cameras, printers and legacy equipment
- A compact panel form factor that fits into control cabinets, workstations and machine enclosures

Whether you are upgrading an ageing terminal, building a shop-floor dashboard or rolling out a fleet of operator stations, this panel PC gives you the speed, connectivity and reliability to get it done. Simple to deploy, straightforward to maintain, and built to earn its place on your line.

Choose Thinvent for industrial computing that works as hard as you do.



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	16 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	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	Mo = Wired Optical Scroll Mouse	
	MK = Mechanical Keyboard			

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