



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: PPC15-I5_14-16-M256-12_7-M-W_OS-KM



Speed and clarity for the factory floor.

The Thinvent 15" Industrial Panel PC brings desktop-class responsiveness to shop floors, kiosks and control rooms. Powered by a 14th generation Intel Core 5 120U processor with 10 cores reaching up to 5 GHz, it handles demanding dashboards, monitoring software and multi-window workflows without hesitation.

Why choose this panel PC

- Reliable performance where it matters. The Intel Core 5 120U keeps production dashboards, SCADA screens and data-logging tools running smoothly shift after shift.
- A screen built for the working day. The 15 inch display with 350 nits brightness and 178 degree viewing angles stays readable from almost any position, so operators can check status at a glance.

- Flexible connectivity for real installations. Dual HDMI, VGA, four USB ports, gigabit Ethernet and dual band Wi-Fi 5 make it easy to connect scanners, cameras, PLCs and legacy equipment.
- Simple to deploy. The included keyboard and mouse set means you can set up a workstation straight out of the box, and the 12V adapter with a 2 metre cable fits neatly into control cabinets and kiosks.
- Built for industrial environments. The aluminium housing and fanless passive cooling design keep the unit running in dusty, hot or cramped spaces where ordinary PCs struggle.

Whether you are upgrading an existing line or building a new control station, this panel PC delivers the speed, clarity and connectivity your operation needs.



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	256 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	1.05kg, 1.05kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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		

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

