



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

256GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: PPC15-I5_14-8-M256-12_7-X-W_OS-KM



Speed your shop floor can see, built into a 15 inch panel.

The Thinvent® 15" Industrial Panel PC puts a 14th generation Intel® Core™ 5 120U processor right where the work happens. With 10 cores reaching up to 5.0 GHz and 12 MB of cache, it responds the moment your operator touches the screen, so dashboards refresh, forms save and machine views update without anyone standing around waiting.

Why teams choose it

- It lives where the work is. The 15 inch screen with 1024 × 768 resolution and 350 nits of brightness stays readable on a busy line, and 178 degree viewing angles both ways mean the reading holds up whether you are square in front of it or off to the side.

- It keeps going when the environment does not cooperate. Fanless passive cooling and an aluminium housing mean no vents to clog, no fans to fail and no dust drawn through the enclosure.
- It fits the systems you already run. Two HDMI ports, VGA, four USB ports, gigabit Ethernet plus speaker out and mic in cover the connections a production station actually needs.
- It arrives ready for your software. Shipped without an operating system, you load the image your line already standardised on, and the included Thinvent® keyboard and mouse get the station working on day one.

If you are building out a control room, a kiosk or a machine-side terminal and want a panel PC that keeps pace with your operators rather than holding them back, 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	8 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
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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	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		

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