



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

2TB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: PPC15-I5_14-32-M2048-12_7-X-THINUX-KM



Speed and stability for the shop floor, the control room, and everywhere in between.

The Thinvent 15" Industrial Panel PC brings desktop-class responsiveness to environments where ordinary computers struggle. Powered by a 14th generation Intel Core 5 120U processor, it keeps dashboards, terminals, and control applications moving without hesitation.

Where it earns its keep

- Factory and production floors, where a bright 15" screen with wide viewing angles stays readable from every position.
- Machine control and HMI stations, running your Java, Python, or glibc based applications directly on Thinux Embedded Linux.
- Kiosks, check-in counters, and information points, with browsers, LibreOffice, and PDF viewing ready out of the box.
- Remote operations, using RDP, VNC shadowing, Putty, and SSH to manage and support systems across your site.
- Voice and video over IP, with SIP support built in for intercom and communication points.

Why teams choose it

- Fanless passive cooling in an aluminium housing means no fans to clog, no filters to clean, and no moving parts to fail in dusty or hot surroundings.
- A 15" 1024 x 768 display at 350 nits with 178 degree viewing angles keeps information clear from almost anywhere in the room.
- 4 GB DDR4 memory and a 128 GB SSD deliver dependable everyday performance for industrial workloads.
- Flexible connectivity with dual HDMI, VGA, four USB ports, gigabit Ethernet, speaker out, and mic in.
- Thinux Embedded Linux is tuned for long-running industrial use, with browser based remote management to keep fleets under control.
- A keyboard and mouse set is included, so you can deploy and start working straight away.

If you need a dependable panel computer that simply keeps running, the Thinvent 15" Industrial Panel PC is built for the job.



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	2048 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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