Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

128GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: PPC15-I5_14-4-M128-12_7-M-U-KM



Big screen performance for the factory floor.

The Thinvent 15" Industrial Panel PC brings desktop-class speed to demanding industrial environments. Powered by a 14th generation Intel Core 5 120U processor, it handles your line-of-business software, dashboards and data logging without hesitation.

Why choose this panel PC

- A 15 inch display with a wide 178° viewing angle keeps readings clear from almost any position on the floor.
- Ubuntu Linux 24.04 LTS comes ready to run, so you can deploy your applications without extra licensing overhead.
- Fanless passive cooling in an aluminium housing means fewer moving parts to service and one less thing to fail.
- Dual band Wi-Fi 5 and Gigabit Ethernet keep your machine connected to the plant network.
- Two HDMI ports, VGA, four USB ports and audio in and out give you room for scanners, cameras and legacy equipment.
- The included Thinvent keyboard and mouse set means you can set up and start working straight out of the box.

Ideal for production monitoring, machine control, kiosk terminals and shop floor data entry. If you need a dependable touchpoint between your operators and your systems, this is it.









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	128 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

PHYSICAL

Form Factor	Panel PC
Thermal Design	Fanless Passive Cooling
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	4.88kg, 5.46kg

ACCESSORIES

Keyboard and Mouse	1

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	
	11O = Windows 11 Professional		**Thinux** = Thinux™ 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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