



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: PPC15-I3_12-16_16-M1024-12_7-M-U-0



Big performance for the factory floor.

The Thinvent 15" Industrial Panel PC brings desktop-class responsiveness to environments where ordinary computers struggle. Powered by an Intel Core i3-1215U processor, it handles demanding industrial software, dashboards and control applications without hesitation.

Where it earns its keep

- Production lines and machine control stations needing a dependable all-in-one terminal
- Warehouse and logistics desks running inventory or dispatch software all day
- Kiosks, access points and information displays in busy public areas
- Monitoring rooms where operators watch live data across a bright 15" screen
- Automation cabinets and enclosures where a compact panel format saves space

Why teams choose it

- Fast, responsive computing from a 12th generation Intel Core processor
- Fanless passive cooling means no moving parts to clog with dust or fail
- Aluminium housing built for industrial surroundings
- Ubuntu Linux 24.04 LTS delivers a stable, secure, licence-friendly platform
- Wide viewing angles keep the screen readable from almost any position
- Flexible connectivity covers modern and legacy equipment alike
- Dual band Wi-Fi keeps the panel connected to your network

If you need a reliable panel PC that keeps running shift after shift, the Thinvent 15" is built for the job.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	1024 GB

DISPLAY

Screen Size	15 inch
Resolution	1024 × 768
Brightness	350 nits
Viewing Angle	Horizontal 178°, Vertical 178°
HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

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
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	4.72kg, 5.30kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

PPC15-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB	m256 = 256GB m1024 = 1TB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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