



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

2TB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12-32-M2048-12_7-M-U-KM



The panel PC that keeps your production line moving.

When your operation runs on a shop floor, a kiosk, or a control room, you need a display that simply works. The Thinvent® 15" Industrial Panel PC brings desktop-class responsiveness to the places where ordinary computers struggle.

Why choose this panel PC

- The Intel® Core™ i3-1215U processor with 6 cores keeps interfaces snappy and multitasking smooth, so operators are never left waiting.
- Fanless passive cooling means fewer moving parts to service, keeping your maintenance team focused on production rather than repairs.
- The aluminium housing stands up to the demands of industrial environments, day after day.
- A 15" display with wide viewing angles keeps readings clear from almost any position on the line.

- Ubuntu Linux 24.04 LTS gives you a stable, secure platform that is ready for your own software.
- Dual band Wi-Fi and Gigabit Ethernet keep your systems connected to the wider network.
- The included Thinvent® keyboard and mouse set means you can deploy straight out of the box.

Where it earns its keep

- Production line monitoring and machine control
- Interactive kiosks and self-service terminals
- Warehouse and logistics dashboards
- Laboratory and test bench instrumentation
- Building management and access control stations

If you want a dependable panel PC that handles real industrial work without fuss, the Thinvent® 15" is built for exactly that.



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	2048 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
Housing Material	Aluminium
Net and Gross Weight	1.41kg, 1.41kg

ACCESSORIES

Keyboard and Mouse	1
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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	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
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		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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