



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: PPC15-I3_12L-8-M1024-12_7-M-U-0



Your shop floor deserves a screen that keeps up.

The Thinvent® 15" Industrial Panel PC brings desktop-class responsiveness to the production line, the warehouse desk, and the control room. Powered by an Intel® Core™ i3-1215U processor with six cores reaching up to 4.4 GHz, it opens dashboards, updates records, and switches between tasks without the stutter that slows a shift down.

Why teams choose it

- Run your MES, SCADA, or POS software on a bright 15" display with wide viewing angles, so readings stay clear from wherever your operators stand.
- Connect to plant networks and office systems at the same time through dual Gigabit Ethernet, with dual band Wi-Fi 5 for flexible placement.

- Keep the workspace clean and quiet thanks to fanless passive cooling in an aluminium housing, built to sit in dusty, hot environments where ordinary computers struggle.
- Deploy on Ubuntu Linux 24.04 LTS straight out of the box, with a familiar, secure platform your IT team already knows.
- Link legacy equipment through RS485, and hook up monitors, scanners, and peripherals with HDMI, VGA, and USB 3.2 ports.
- Power it from a standard 100 to 240 volt supply using the included 12 volt adapter, so it fits wherever you have a socket.

If you need a dependable panel PC that handles real industrial workday after workday, 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	8 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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
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	0.90kg, 0.90kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

PPC15-i3_12L-[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 Thinux = Thinux™ Embedded Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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