



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: PPC15-I3_12L-16_16-M2048-12_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	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
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
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_12L-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

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

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