



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

2TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: PPC15-I3_12L-32_32-M2048-12_7-M-11V-0



Speed and clarity for the factory floor.

The Thinvent 15" Industrial Panel PC brings responsive Intel Core i3 performance to your production line, your control room, or your customer-facing kiosk. With six cores and speeds up to 4.4 GHz, it handles dashboards, SCADA software, and data logging without stutter, so your operators are never left waiting on a screen.

Why teams choose it

- A bright 15" display with wide viewing angles keeps readings clear from almost anywhere on the floor.
- Dual Gigabit Ethernet and dual band Wi-Fi 5 keep your machine connected to the systems that matter.

- Fanless aluminium housing means no vents to clog and no fans to fail, so it keeps running in dusty, hot environments.
- RS485 option lets you talk directly to legacy industrial equipment and sensors.
- Windows 11 IoT Enterprise LTSC 2024 Value gives you a stable, long-life platform with fewer surprise updates.
- 4 GB RAM and 128 GB SSD cover everyday industrial workloads straight out of the box.

Whether you are upgrading an old terminal, building a new workstation, or rolling out panels across multiple sites, this is a dependable, low-maintenance machine that simply gets on with 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	64 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
Housing Material	Aluminium
Net and Gross Weight	0.90kg, 0.90kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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