



Thinvent 15" Industrial Panel PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: PPC15-I3_13-32_32-M1024-12_7-M-11V-0



Big performance, small footprint.

The Thinvent® 15" Industrial Panel PC brings serious computing power to the shop floor, the kiosk, and the control room. With a 13th generation Intel® Core™ i3-1315U processor and six cores ready to respond in an instant, it keeps your dashboards, terminals, and production software moving without stutter or delay.

Why choose this panel PC

- Run modern industrial software smoothly, from SCADA displays to point-of-sale and machine interfaces, thanks to a processor built for responsive everyday workloads.
- See clearly from almost any position. The 15 inch screen with wide viewing angles keeps readings, charts, and controls legible for operators standing to the side or below.

- Install it where other computers struggle. Fanless passive cooling and an aluminium housing mean no vents to clog and no fans to wear out, so it keeps working in dusty, hot, or cramped spaces.
- Connect to what you already have. HDMI, VGA, USB, audio, and Gigabit Ethernet cover monitors, peripherals, and plant networks, while dual band WiFi keeps wireless links flexible.
- Start up with confidence. Windows 11 IoT Enterprise LTSC 2024 Value gives you a stable, long-life platform that stays consistent over the years your equipment is in service.
- Save space and simplify. One panel-mounted unit replaces a separate box, monitor, and cabling tangle, cutting installation time and clutter.

If you need a dependable industrial computer that fits your line, your budget, and your working conditions, this is the one to specify.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	64 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

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	0.82kg, 0.82kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

PPC15-i3_13-[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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