



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

Dual Band WiFi

Without OS

SKU: PPC15-I3_12-16_16-M1024-12_7-M-W_OS-0



Big performance for the factory floor.

The Thinvent 15" Industrial Panel PC brings desktop-class speed to demanding shop-floor and control-room environments. Powered by an Intel Core i3-1215U processor, it responds quickly to operator input and keeps applications moving smoothly, even when several tasks run at once.

Where it earns its keep

- Machine control and HMI panels on production lines
- Production dashboards and live monitoring stations
- Interactive kiosks and self-service terminals
- Warehouse and logistics workstations
- Laboratory and test-bench instrumentation

Why teams choose it

- The 15" display with wide viewing angles stays readable from different positions on the floor, so operators see what they need without crowding the screen
- Fanless passive cooling and an aluminium housing mean fewer moving parts to service and dependable operation in dusty, hot surroundings
- Flexible connectivity, including RS485, Ethernet, HDMI, VGA and multiple USB ports, lets you connect PLCs, sensors, scanners and peripherals without extra adapters
- A range of processor, memory and storage configurations is available, so you can match the unit to your workload rather than overpaying for capacity you will not use

Build your next control station around a panel PC that is ready for long shifts and tough conditions. Configure yours with the options that suit your line, and keep production moving.



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	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
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
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	4.72kg, 5.30kg

OPERATING SYSTEM

Operating System	Without OS
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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

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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