



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12L-16-M1024-12_7-M-11P-KM



Your shop floor deserves a screen that keeps up.

The Thinvent® 15" Industrial Panel PC brings desktop-class Intel® Core™ i3 performance right to the point of work. With six cores responding instantly and speeds reaching 4.4 GHz, it handles your dashboards, machine interfaces and production software without hesitation, so your team never waits on a slow screen.

Why businesses choose it

- Built for the factory floor, not the office desk. The aluminium housing and fanless passive cooling mean no vents to clog with dust and no fans to fail, so it keeps running shift after shift.
- One screen, many jobs. Dual Gigabit Ethernet ports let you connect to both your machine network and your business network at once, keeping production data and office systems neatly separated.

- Clear visibility from every angle. The 15 inch display with 178° viewing angles means operators can read it clearly whether standing directly in front or off to the side.
- Ready to work out of the box. Windows 11 Pro, a keyboard and mouse set, and dual band WiFi are all included. Connect your equipment, power it up and start working the same day.
- Flexible connections for real equipment. HDMI, VGA, USB 3.2 and an RS485 option let you link displays, legacy devices and industrial hardware without extra adapters.
- Compact and easy to place. At just 1.32kg, it fits into control panels, kiosks and workstations without demanding a redesign of your setup.

Whether you are upgrading an ageing terminal or equipping a new production line, this is a dependable panel PC that earns its place.



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	16 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
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	5.24kg, 5.82kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

PPC15-i3_12L-[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

www.thinvent.insales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

