



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

8GB DDR4 RAM

512GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12L-8-M512-12_7-X-DOS-KM



Big performance for the factory floor.

The Thinvent® 15" Industrial Panel PC brings desktop-class speed to demanding industrial environments. Powered by a 12th generation Intel® Core™ i3-1215U processor with six cores reaching up to 4.4 GHz, it handles your production software, dashboards and control applications without hesitation.

Why choose this panel PC

- Built for the shop floor, not the office. 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.
- Keep an eye on everything at once. The 15 inch screen with 1024 × 768 resolution and 350 nits brightness stays readable, while 178° viewing angles in both directions mean operators can see the display clearly from almost anywhere on the line.

- Connect to your equipment and your network. Dual Gigabit Ethernet ports let you link to plant systems and office networks, while USB 3.2, HDMI, VGA, speaker out and mic in cover your peripherals. An RS485 option is available for connecting to legacy industrial devices.
- Ready to mount where you need it. As a panel PC, it fits into control cabinets and machine panels, putting the interface right where operators work.
- Simple to deploy. It arrives with a Thinvent® keyboard and mouse set and a 2 metre power cable, and runs on standard 100–240 V AC input, so you can get it up and running quickly.

If you need a reliable industrial computer that handles real workloads in tough conditions, the Thinvent® 15" Industrial Panel PC is the practical choice.



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	8 GB
SSD Storage	512 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

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	1.41kg, 1.41kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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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

