



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Windows 11 Professional

SKU: PPC15-I3_12L-16_16-M1024-12_7-X-11O-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 keeps your dashboards, SCADA screens and production software responsive all shift long.

Why you should choose it

- Built for the workday. The Intel® Core™ i3-1215U with 6 cores and up to 4.4 GHz handles multitasking with ease, so operators are never left waiting on a sluggish screen.
- Clear, comfortable viewing. The 15 inch panel with 1024 × 768 resolution and 350 nits brightness stays readable

across wide horizontal and vertical viewing angles, making it easy to monitor from different positions on the line.

- Flexible connectivity. Dual 1000 Mbps Ethernet ports, HDMI, VGA, USB 3.2, speaker out and mic in let you connect to your existing control and display equipment without fuss.
- Industrial-ready design. An aluminium housing with fanless passive cooling keeps the unit running in dusty, hot environments where ordinary PCs struggle.
- Ready to deploy. Windows 11 Professional comes preinstalled, so you can get straight to work on your applications.
- Optional RS485 support. Integrate with legacy industrial devices and controllers where your setup requires it.

Whether you are upgrading an existing workstation or equipping a new line, the Thinvent® 15" Industrial Panel PC delivers dependable computing where it matters most.



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
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	0.90kg, 0.90kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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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 Thinix = Thinix™ Embedded Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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