



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)

512GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12L-16_16-M512-12_7-X-W_OS-KM



A 15 inch industrial panel PC built to keep your line running.

When your operation needs a dependable touchpoint on the factory floor, at the kiosk, or on the shop counter, this is the machine that simply gets on with the job. The 12th generation Intel Core i3-1215U processor with six cores and speeds up to 4.4 GHz keeps everyday industrial software, dashboards and control interfaces responsive, so your team is never left waiting.

Why it earns its place

- Dual gigabit Ethernet ports let you keep control traffic and office traffic on separate networks, which simplifies how you wire up a machine or a workstation.
- The 15 inch panel with 1024 x 768 resolution and 350 nits brightness stays readable across a wide 178 degree viewing angle, so operators can see clearly from wherever they stand.

- Fanless passive cooling in an aluminium housing means fewer moving parts to service and one less thing to worry about in a busy environment.
- An RS485 option lets you talk to the older industrial equipment you already have on site, protecting your existing investment.
- Two USB 3.2 ports, HDMI and VGA give you room to connect scanners, displays and peripherals without extra adapters.
- Ships without an operating system, so you can install exactly the platform your application requires.

If you want a panel PC that fits into your process rather than fighting it, this is the one to specify.



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	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	Without OS
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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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