



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Professional

SKU: PPC15-I3_12L-4-M512-12_7-M-11O-0



Your shop floor deserves a screen that keeps up.

The Thinvent 15" Industrial Panel PC brings serious computing power to the places where ordinary computers struggle. At its heart sits an Intel Core i3-1215U processor with six cores and speeds up to 4.4 GHz, so demanding applications open quickly and keep responding, shift after shift.

Who is this built for

- Production managers who need live dashboards right at the line, not in a distant office.
- System integrators building control panels, kiosks and machine interfaces that must simply work.
- Factory and warehouse teams running inventory, labelling or monitoring software in real time.
- Anyone replacing an ageing panel PC who wants modern performance with Windows 11 Professional ready to go.

Why it earns its place

- Dual Gigabit Ethernet ports let you connect to both your machine network and your plant network at the same time.
- The 15 inch display with 178 degree viewing angles stays clear from almost any position, and 350 nits of brightness holds up under bright factory lighting.
- Fanless passive cooling in an aluminium housing means no dust-choked fans to fail, so it keeps running in dusty, hot environments.
- With 4 GB DDR4 RAM and a 128 GB SSD, it boots fast and handles everyday industrial software without fuss.
- RS485, HDMI, VGA, USB 3.2 and audio connections cover the peripherals your installation already uses.
- Dual band Wi-Fi 5 keeps wireless links to your MES or cloud systems stable.

If you need a dependable panel PC that pairs modern Intel performance with a rugged, fanless design, 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	4 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
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
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 Thinux = Thinux™ Embedded Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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