



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: PPC15-I3_12-16_16-M1024-12_7-X-11V-0



Big performance, clear view, built for the factory floor.

The Thinvent 15 inch Industrial Panel PC brings 12th generation Intel Core i3 muscle to your production line, your control room, or your shop floor terminal. With six cores responding instantly and Windows 11 IoT Enterprise LTSC 2024 Value running the show, this is a machine that keeps pace with your operators all shift long.

Why it belongs on your floor

- The 15 inch screen at 1024 x 768 and 350 nits stays readable in bright workshops, and 178 degree viewing angles mean the reading is clear from wherever your team stands.
- Fanless passive cooling in an aluminium housing means fewer moving parts to fail and less dust pulled through the enclosure, so it keeps working where ordinary PCs struggle.

- RS485, dual USB generations, HDMI, VGA and gigabit Ethernet cover the connections your machines, scales, scanners and legacy equipment actually use.
- No WiFi onboard means one less thing for IT to lock down and one less attack surface on a plant network.
- The 12V 5A adapter and wide AC input range make it simple to slot into existing control cabinets.

If you are replacing an ageing panel terminal or fitting out a new line, this is the practical choice. Powerful enough for modern software, tough enough for the environment, and simple enough to deploy without a project team.

Upgrade the panel on your line. Choose Thinvent.



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
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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	4.72kg, 5.30kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

PPC15-i3_12-[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		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	110 = Windows 11 Professional		Thinux = Thinux™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	0 = None		KM = Keyboard and Mouse set	
	MK = Mechanical Keyboard		Mo = Wired Optical Scroll Mouse	

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