



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 Professional

SKU: PPC15-I3_12-16-M128-12_7-X-11O-0



Big performance for the factory floor.

The Thinvent® 15" Industrial Panel PC brings desktop-class speed to your production line, your control room, or your shop floor terminal. With an Intel® Core™ i3-1215U processor, it responds instantly to every touch and click, so your operators are never left waiting on a sluggish screen.

Why choose this panel PC

- Run demanding industrial software smoothly, from SCADA dashboards to quality inspection tools, thanks to six processing cores working together.
- Keep your workspace clean and reliable with a fanless design that has fewer moving parts to wear out.

- See clearly from any position, with a wide viewing angle that keeps readings visible for operators standing to the side.
- Connect your existing equipment easily through RS485, Ethernet, and multiple USB ports, so you can integrate without a rebuild.
- Trust the aluminium housing to stand up to heat, dust, and the knocks of daily industrial life.
- Deploy with confidence using Windows 11 Professional, ready for your business and industrial applications straight out of the box.

Whether you are upgrading an ageing terminal or equipping a new line, this panel PC is built to keep your operation running.



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	16 GB
SSD Storage	128 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
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_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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