



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)

2TB SSD

Dual Band WiFi

DOS

SKU: PPC15-I3_12L-16_16-M2048-12_7-M-DOS-0



Power your shop floor with a panel PC that keeps up.

When your production line depends on a screen that responds instantly, the Thinvent 15" Industrial Panel PC delivers. Powered by a 12th generation Intel Core i3-1215U processor with six cores reaching up to 4.4 GHz, it handles demanding industrial software without hesitation.

Why choose this panel PC

- Run multiple applications at once thanks to six processing cores and 10 MB of cache, keeping dashboards, machine controls, and monitoring tools responsive.
- Connect to two networks simultaneously with dual gigabit Ethernet ports, ideal for separating plant-floor traffic from office systems.
- See clearly from any position on the floor with a 15 inch display offering 350 nits brightness and 178 degree viewing angles both horizontally and vertically.
- Install in dusty or hot environments with confidence, thanks to fanless passive cooling and an aluminium housing.
- Link to PLCs, sensors, and legacy equipment through RS485, VGA, HDMI, USB 3.2, and audio connections.
- Stay connected wirelessly with dual band Wi-Fi 5, and power the unit from a standard 100 to 240 volt AC supply using the included 12 volt adapter.

Whether you are upgrading an existing workstation or building a new control cabinet, this panel PC gives you the performance and connectivity industrial work demands. Choose Thinvent for a display that works as hard as you do.



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	2048 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
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	4.72kg, 5.30kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

PPC15-i3_12L-[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		Thinix = Thinix™ 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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