



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

DOS

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



Power your production line with a panel PC built to keep up.

The Thinvent 15" Industrial Panel PC brings desktop-class responsiveness to the factory floor, the warehouse and the control room. With a 12th generation Intel Core i3-1215U processor delivering six cores and speeds up to 4.4 GHz, it handles demanding industrial software without hesitation.

Why choose this panel PC

- Built for real industrial work. Whether you are running HMI software, production dashboards, machine vision front ends or data logging, this system has the headroom to keep everything moving smoothly.
- See clearly from every position. The 15 inch display offers a wide 178 degree viewing angle, so operators can read it from the side as easily as head on. At 350 nits, it stays legible in bright workshop lighting.

- Reliable in tough environments. The aluminium housing and fanless passive cooling mean fewer moving parts and less to go wrong. No fans to clog with dust, no filters to clean.
- Connect to your existing equipment. Gigabit Ethernet, HDMI, VGA, four USB ports and an optional RS485 port let you link to PLCs, sensors, legacy machinery and peripherals without extra adapters.
- Flexible power for any site. The included adapter accepts 100 to 240 volts AC, so it works on standard mains supplies wherever your facility is located.
- Ready for your own software. FreeDOS keeps the system lean, giving you a clean platform to install exactly the operating system and applications your operation requires. If you need a dependable panel PC that responds quickly, runs cool and fits straight into your control setup, the Thinvent 15" Industrial Panel PC is the practical choice.



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	FreeDOS
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Ordering Information

PRODUCT CODE

PPC15-i3_12-[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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