



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)

512GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12L-16_16-M512-12_7-M-DOS-KM



Big-screen control for the factory floor.

The Thinvent® 15" Industrial Panel PC puts a clear, wide view of your operation right where the work happens. With a 15 inch display and 178 degree viewing angles, operators can read status, dashboards and machine data from almost any position, while 350 nits of brightness keeps the screen usable in busy, well-lit production areas.

Built around the Intel® Core™ i3-1215U processor

- Six cores and speeds of up to 4.4 GHz keep line-side applications, HMIs and monitoring software responsive.
- 4 GB DDR4 memory and a 128 GB SSD give you fast boot times and snappy everyday performance.
- Fanless passive cooling and an aluminium housing mean fewer moving parts to service and dependable operation in hot, dusty environments.

Connect to the systems you already run

- Dual 1000 Mbps Ethernet ports let you link separate machine and office networks on one panel.
- Two USB 3.2 ports, HDMI, VGA, speaker out and mic in cover displays, peripherals and audio.
- Optional RS485 support makes it straightforward to talk to legacy industrial equipment.
- Dual band Wi-Fi 5 keeps wireless connectivity available where cabling is impractical.

It arrives ready to deploy with a Thinvent® keyboard and mouse set, a 12V 5A adapter and FreeDOS, so you can install the operating system your application requires.

Choose the Thinvent® 15" Industrial Panel PC when you need a large, readable interface that stands up to real production conditions and keeps your operators informed.



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	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	1.41kg, 1.41kg

ACCESSORIES

Keyboard and Mouse	1
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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 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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