



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12L-16-M512-12_7-M-W_OS-KM



A 15 inch panel PC that keeps your line running, not your IT team.

Built for the factory floor, the Thinvent® 15" Industrial Panel PC puts serious 12th generation Intel® Core™ i3 performance right where the work happens. With six cores responding instantly to whatever you throw at it, this is a machine that keeps up with your operators instead of making them wait.

Why teams choose it

- Run HMI, SCADA and shop floor dashboards on one responsive screen, with the clarity and wide viewing angles needed for control rooms and production cells.
- Connect to plant networks and office systems at the same time through dual gigabit Ethernet, while Wi-Fi 5 keeps wireless devices and tablets in the loop.

- Install your own operating system and software stack, so the panel fits your existing setup rather than forcing a change.
- Work comfortably in bright environments thanks to a 350 nit display that stays readable under factory lighting.
- Rely on aluminium housing and fanless passive cooling to keep dust out and uptime high in hot, busy areas.
- Add legacy and industrial equipment easily with RS485, VGA, HDMI, speaker and mic connections, plus fast USB 3.2 ports.
- Start working straight away with the included Thinvent® keyboard and mouse set.

If you need a dependable panel PC that handles real industrial workloads without fuss, this is the one to specify.



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	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	Without OS
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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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