



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

No WiFi

DOS

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



Big performance for the factory floor: meet the Thinvent 15" Industrial Panel PC.

Built around the Intel Core i3-1215U processor, this panel PC brings six cores and speeds of up to 4.4 GHz to the point of work, so your operators get a display that keeps pace with them instead of making them wait. Whether you are running a production line dashboard, a machine control interface, or a shop floor terminal, the screen responds quickly and stays readable thanks to a bright 15 inch display with wide viewing angles.

Why teams choose it

- Fast, responsive performance from a 12th generation Intel Core processor, so multitasking between control software, reporting, and monitoring feels effortless.
- Two gigabit Ethernet ports give you the flexibility to connect to separate plant networks or devices without adding extra hardware.

- The aluminium housing and fanless passive cooling mean fewer moving parts to fail, so it keeps running in dusty, hot, or demanding industrial environments.
- A 15 inch panel format fits neatly into control cabinets, kiosks, and machine stations.
- RS485 and USB 3.2 options make it straightforward to connect to legacy equipment and modern peripherals alike.
- Low 12 volt power input simplifies installation where standard mains wiring is inconvenient.

If you need a dependable industrial display computer that handles real production workloads without fuss, the Thinvent 15" Industrial Panel PC is built for the job.



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

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	<div>4 = 4GB DDR4</div> <div>32_32 = 64GB DDR4 RAM (2 x 32GB)</div>	<div>8 = 8GB DDR4</div> <div>16_16 = 32GB DDR4 RAM (2 x 16GB)</div>	<div>16 = 16GB DDR4</div> <div>8_8 = 16GB DDR4 RAM (2 x 8GB)</div>	<div>32 = 32GB DDR4</div>
SSD	<div>m128 = 128GB</div> <div>m512 = 512GB</div> <div>m2048 = 2TB</div>		<div>m256 = 256GB</div> <div>m1024 = 1TB</div>	
Wireless	<div>m = Dual Band WiFi</div>		<div>X = No WiFi</div>	
OS	<div>DOS = DOS</div> <div>11V = Windows 11 IoT Value</div> <div>110 = Windows 11 Professional</div> <div>U = Ubuntu Linux</div>		<div>W_OS = Without OS</div> <div>11P = Windows 11 Pro</div> <div>Thinux = Thinux™ Embedded Linux</div>	
Accessories	<div>0 = None</div> <div>MK = Mechanical Keyboard</div>		<div>KM = Keyboard and Mouse set</div> <div>Mo = Wired Optical Scroll Mouse</div>	

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