



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

Without OS

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



Big screen control, built for the factory floor.

The Thinvent 15" Industrial Panel PC puts a bright, wide-viewing display right where the work happens, driven by an Intel Core i3-1215U processor that keeps up with demanding production software.

Why it belongs on your line

- The 15 inch screen with 178° viewing angles stays clear from almost any position, so operators can read it without crowding the panel.
- Fanless passive cooling in an aluminium housing means fewer moving parts to fail and less downtime for maintenance.
- Dual gigabit Ethernet ports let you connect to both machine networks and plant systems at the same time.
- An optional RS485 port makes it straightforward to link with legacy industrial equipment and controllers.

- USB 3.2, HDMI and VGA give you room to add peripherals, secondary displays or data capture devices.
- No operating system preinstalled means you choose the software stack that fits your plant, without paying for licences you will not use.

Where it works

- Production line monitoring and machine control stations.
- Warehouse and logistics dashboards.
- Building automation and access control desks.
- Test benches and laboratory data terminals.

If you need a dependable panel computer that handles everyday 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	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	Without OS
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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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