



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

Dual Band WiFi

Without OS

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

Big performance, small footprint.

Meet the Thinvent 15" Industrial Panel PC, the all-in-one workstation built for the factory floor, the control room, and anywhere else a standard desktop simply will not survive. Powered by a 12th generation Intel Core i3 processor, it handles your dashboards, HMI software, and data logging without breaking a sweat.

Why you should choose it

- One screen, no clutter. Everything you need is built into a single 15 inch panel, so you save desk space and cut down on trailing cables.
- Built for the real world. The aluminium housing and fanless passive cooling mean there are no vents for dust to clog and no fans to fail, so it keeps running shift after shift.

- See it from anywhere. The wide viewing angles and bright display stay clear whether you are stood directly in front or off to the side.
- Connect everything. Dual gigabit Ethernet, HDMI, VGA, USB 3.2, and optional RS485 let you link to PLCs, cameras, and legacy equipment without extra adapters.
- Flexible by design. With no operating system preinstalled, you choose the software that fits your process, whether that is Windows or Linux.
- Simple to power. Runs from a standard AC supply through the included adapter, so it drops straight into your existing setup.

If you need a reliable, self-contained computer that stands up to industrial conditions, this is the panel PC to buy.



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
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
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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