



Thinvent 15" Industrial Panel PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 Professional

SKU: PPC15-I7_12L-16-M128-12_7-M-11O-0



Big performance for the factory floor.

When your production line depends on a screen that keeps up, the Thinvent 15 inch Industrial Panel PC delivers. Powered by a 12th generation Intel Core i7 processor, it handles demanding industrial software, live dashboards and multi-window monitoring without hesitation.

Built for real workplaces

- Run SCADA, HMI and MES applications smoothly on a bright 15 inch display with wide viewing angles, so operators read clearly from almost anywhere on the floor.
- Connect to both machine networks and office systems at once through dual Gigabit Ethernet ports, keeping your data flowing where it needs to go.
- Add RS485 connectivity to link legacy controllers, sensors and PLCs alongside modern USB and display connections.

- Rely on fanless passive cooling and an aluminium housing to keep dust out and uptime high in hot, busy environments.
- Deploy with confidence using Windows 11 Professional, ready for your existing industrial software stack.

Why buy

- Fewer slowdowns mean fewer stalled shifts and happier operators.
- One panel replaces a tangle of separate boxes, saving space and setup time.
- Low maintenance design keeps your team focused on production, not repairs.
- Scales from a single station to a full plant rollout.

Upgrade your line with a panel PC that works as hard as you do.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 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	0.93kg, 0.93kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

PPC15-i7_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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