



Thinvent 15" Industrial Panel PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

SKU: PPC15-I7_12L-4-M512-12_7-X-U-0



Power your production line with a panel PC built for the long haul.

The Thinvent 15" Industrial Panel PC brings desktop-class Intel Core i7 performance to the shop floor, the control room, and the kiosk. With a 12th generation i7-1255U processor delivering 10 cores and speeds up to 4.7 GHz, it handles demanding industrial software, dashboards, and data logging without hesitation.

Why choose this panel PC

- Built for continuous industrial use, with a fanless passive cooling design and an aluminium housing that stands up to demanding environments.
- Dual gigabit Ethernet ports keep your machine network and your plant network separate, so your control traffic stays clean and predictable.
- Ubuntu Linux 24.04 LTS comes ready to deploy, giving you a stable, secure, open platform for your applications.

- A bright 15 inch display with wide 178 degree viewing angles stays readable from the side, so operators can check status at a glance.
- Flexible connectivity covers your existing equipment, with HDMI, VGA, USB 3.2, audio, and an optional RS485 port for legacy industrial devices.
- Wide range AC power input means it works with standard mains supplies in factories and offices alike.

Whether you are running a production terminal, a machine interface, or a self-service kiosk, this panel PC gives you the speed, connectivity, and reliability your operation needs.

Choose Thinvent for industrial computing you can depend on.



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	4 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

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	Ubuntu Linux 24.04 LTS
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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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