



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

Dual Band WiFi

Ubuntu Linux

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



The panel PC that keeps your operation running, not your maintenance team.

Built for the factory floor, not the office desk

- The 15 inch panel gives operators a clear, consistent view of the line, with a 178 degree viewing angle so readings stay legible from wherever the workstation sits.
- Intel Core i7-1255U processing keeps dashboards, HMIs and data logging responsive, so shifts start on time and stay on schedule.
- Dual Gigabit Ethernet ports let you keep machine control and plant network traffic on separate links, simplifying how your cell connects to the wider system.
- Fanless passive cooling in an aluminium housing means fewer moving parts to service, which suits dusty workshops and hot production areas.

- Ubuntu Linux 24.04 LTS gives you a stable, familiar platform for kiosks, terminals and custom applications without licence overhead.
- RS485 option makes it straightforward to talk to legacy controllers, sensors and meters already installed on your line.
- USB 3.2, HDMI and VGA cover the peripherals, cameras and secondary displays your process needs.

Who it suits

- Production managers who need a dependable operator interface at the machine.
- System integrators building control panels, access terminals or self-service kiosks.
- Teams replacing ageing fixed-function terminals with a flexible Linux platform.

If downtime costs you more than hardware, choose a panel PC engineered to stay in service.



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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
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	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 Thinix = Thinix™ Embedded Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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