



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

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: PPC15-I7_12L-4-M512-12_7-M-11V-KM



Power through every shift without missing a beat.

When your production line, control room, or service counter depends on a screen that simply has to keep working, the Thinvent 15" Industrial Panel PC is built for exactly that job. The Intel Core i7-1255U processor brings ten cores and speeds of up to 4.7 GHz, so demanding dashboards, machine interfaces, and multitasking workloads stay smooth and responsive all day long.

Why teams choose it

- Run demanding industrial software with confidence, thanks to a 12th generation Intel Core i7 that handles heavy workloads without stalling.
- Keep your operation connected with dual Gigabit Ethernet and dual band Wi-Fi 5, ideal for factory floors, kiosks, and control cabinets where reliable networking matters.

- See clearly from almost any position with a 15 inch display offering 178 degree viewing angles and 350 nits of brightness.
- Connect legacy and modern equipment alike through HDMI, VGA, USB 3.2, speaker out, mic in, and an optional RS485 port for industrial devices.
- Deploy with certainty using Windows 11 IoT Enterprise LTSC 2024 Value, built for long life in fixed function systems.
- Start working straight away with a Thinvent keyboard and mouse set included.

Whether you are upgrading an existing station or building a new one, this panel PC is a dependable foundation for years of service.



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
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	1.45kg, 1.45kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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