



Thinvent 15" Industrial Panel PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: PPC15-I7_12L-16_16-M1024-12_7-X-W_OS-KM



Speed and reliability for the factory floor.

The Thinvent® 15" Industrial Panel PC brings desktop-class performance to environments where ordinary computers simply cannot cope. Powered by an Intel® Core™ i7-1255U processor with 10 cores, it responds instantly to demanding workloads, from live production dashboards to machine control and data logging.

Why choose this panel PC

- Built for the shop floor, not the office. Its aluminium housing and fanless passive cooling mean fewer moving parts to fail, so it keeps running shift after shift.
- One screen, many jobs. Dual Gigabit Ethernet lets you connect to both your control network and your business network at the same time, keeping operational data and reporting neatly separated.

- Connect your equipment directly. An RS485 option and dual USB 3.2 ports make it straightforward to link PLCs, sensors, scales and legacy machinery without extra adapters.
- See it clearly from anywhere. The 15 inch panel with 350 nits brightness and 178° viewing angles stays readable from wide positions across the line.
- Ready for your software. Shipped without an operating system, so you install exactly the platform your application needs, with 4 GB DDR4 RAM and 128 GB SSD storage already in place.
- Complete out of the box. A Thinvent® keyboard and mouse set is included, so commissioning starts the moment it arrives.

If you need a dependable panel computer that handles serious industrial workloads without fuss, this is the one to specify.



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	32 GB
SSD Storage	1024 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	1.45kg, 1.45kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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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