



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)

256GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: PPC15-I7_12L-16_16-M256-12_7-M-11P-KM



Speed and clarity for the factory floor.

The Thinvent 15" Industrial Panel PC brings desktop-class responsiveness to demanding industrial environments. With a 12th generation Intel Core i7 processor, it handles complex applications, multiple dashboards and data-heavy workloads without hesitation, so your operators are never left waiting.

Built for the realities of industrial work

- Fanless passive cooling means no moving parts to draw in dust or fail, so the system keeps running in hot, dirty conditions.
- The aluminium housing helps the panel stand up to the knocks and vibration of a busy production line.
- A 15 inch screen with 350 nits brightness and wide viewing angles stays readable from different positions on the floor.
- Dual Gigabit Ethernet ports let you connect to separate control and office networks.

- An RS485 option makes it straightforward to link with legacy industrial equipment and sensors.
- Wi-Fi 5 dual band keeps wireless connectivity reliable where cabling is impractical.
- Windows 11 Pro comes ready to run your line-of-business software straight out of the box.
- The included Thinvent keyboard and mouse set means you can deploy immediately without sourcing extra peripherals.

Who it is for

- Factory automation and process control stations.
- Production line monitoring and quality inspection points.
- Warehouse and logistics management terminals.
- Building management and access control desks.

If you need a panel PC that responds quickly, survives dust and heat, and keeps your operation running shift after shift, this is the machine 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	256 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 Pro
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Ordering Information

PRODUCT CODE

PPC15-i7_12L-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	110 = Windows 11 Professional		Thinix = Thinix™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	0 = None		KM = Keyboard and Mouse set	
	MK = Mechanical Keyboard		Mo = Wired Optical Scroll Mouse	

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