



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

512GB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: PPC15-I7_12L-32-M512-12_7-M-THINUX-KM



Speed and reliability for the factory floor.

The Thinvent® 15" Industrial Panel PC brings desktop-class performance to demanding industrial environments. With a 12th generation Intel® Core™ i7-1255U processor, it handles complex applications, data logging and multi-window workflows without hesitation.

Built for the realities of production and process control

- Fanless passive cooling in an aluminium housing keeps the system running through heat and dust without moving parts to fail.
- A 15 inch display with wide 178° viewing angles stays readable from almost any position on the line.
- Dual Gigabit Ethernet lets you connect to separate control and enterprise networks.

- RS485 option links directly to legacy industrial equipment and instrumentation.
- Thinux™ Embedded Linux arrives ready to work, with browsers, remote desktop, VNC shadowing, Java and Python support built in.

Where it earns its place

- Production line monitoring and operator terminals.
- Warehouse and logistics dashboards.
- Machine control and HMI applications.
- Remote access and thin-client deployments.
- Kiosks and self-service stations.

The Thinvent® 15" Industrial Panel PC is the dependable choice when your operation cannot afford downtime.



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	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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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