



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

2TB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: PPC15-I7_12L-32-M2048-12_7-X-DOS-KM



Big Performance for the Factory Floor.

When your production line needs a reliable command centre, this 15 inch industrial panel PC delivers. Powered by a 12th generation Intel Core i7 processor with 10 cores, it handles demanding industrial software, live dashboards and multi-tasking without hesitation, so your operators are never left waiting.

Built for the realities of a working environment

- The fanless aluminium housing means no vents to clog with dust and no moving parts to wear out, keeping the unit running shift after shift.
- Dual gigabit Ethernet ports let you separate machine control traffic from your plant network, keeping critical processes steady and secure.

- The 178 degree viewing angle keeps readings clear from almost any position on the floor, while 350 nits of brightness holds up under bright factory lighting.
- With RS485 support, HDMI, VGA and USB 3.2 connectivity, it slots into existing control cabinets and connects to legacy equipment with ease.
- A 15 inch 1024 x 768 display gives you a generous canvas for SCADA, HMI and monitoring applications.

Ideal for production monitoring, machine control, kiosk terminals and shop floor data capture, this panel PC is ready to work as hard as you do. A keyboard and mouse set is included, so you can get set up straight away.

Choose the Thinvent 15 inch industrial panel PC and give your operation a workstation that keeps pace with your ambitions.



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	2048 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	FreeDOS
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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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