



Thinvent 15" Industrial Panel PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: PPC15-I7_12L-16-M128-12_7-M-DOS-KM



Speed and clarity for the factory floor.

Why the Thinvent 15" Industrial Panel PC belongs on your line

- The Intel Core i7-1255U processor with 10 cores keeps your dashboards, machine interfaces and monitoring software responsive, so operators are never left waiting on a spinning cursor.
- A 15 inch screen with 350 nits of brightness and wide viewing angles stays readable from almost anywhere on the floor, cutting the squinting and head-turning that slows a shift down.
- Dual gigabit Ethernet ports let you keep plant network traffic and office connectivity on separate links, which makes integration into existing control networks far simpler.

- Fanless passive cooling and an aluminium housing mean one less thing to maintain and one less place for dust to collect, so the panel keeps working through long shifts.
- RS485 support lets you talk directly to legacy industrial equipment without adding converters or extra boxes to your cabinet.
- Wi-Fi 5 dual band keeps wireless terminals and tablets connected where cabling is impractical.
- USB 3.2, HDMI and VGA give you room to attach scanners, second displays and peripherals as your setup grows.
- A Thinvent keyboard and mouse set is included, so you can deploy straight out of the box.

Choose the Thinvent 15" Industrial Panel PC when you need a dependable, responsive interface that earns its place on the line.



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	16 GB
SSD Storage	128 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	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	

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
 Salvador Do Mundo
 North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
 Sector 49, Sohna Road
 Gurgaon - 122018, India

