



Thinvent 15" Industrial Panel PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

Without OS

SKU: PPC15-I7_12L-32_32-M2048-12_7-X-W_OS-0



Big performance for the factory floor.

The Thinvent 15" Industrial Panel PC brings 12th generation Intel Core i7 muscle to your production line, control room or kiosk. With ten cores running up to 4.7 GHz, it handles demanding industrial software, multi-window dashboards and data-heavy applications without hesitation.

Why choose this panel PC

- Built for the shop floor. The aluminium housing and fanless passive cooling keep it working reliably in dusty, hot environments where ordinary computers struggle.
- See everything clearly. The 15 inch screen with 178 degree viewing angles means operators can read it from almost any position, while 350 nits of brightness keeps it legible under factory lighting.

- Connect your equipment directly. Dual gigabit Ethernet ports and an RS485 option make it straightforward to link with PLCs, sensors, scales and legacy machinery.
- Install it where you need it. The panel form factor suits machine mounting, production cells and self-service terminals alike.
- Runs your software, your way. Ships without an operating system so you can deploy the exact platform your applications require, with 4 GB RAM and a 128 GB SSD ready to go.
- Simple power. A 12V 5A adapter with a 2 metre cable gets you up and running quickly.

If you need a dependable industrial panel PC that keeps pace with modern automation software, the Thinvent 15" is ready for the job.



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	64 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	0.93kg, 0.93kg

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	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		Thinux = Thinux™ 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

