



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

128GB SSD

No WiFi

Thinux Embedded Linux

SKU: PPC15-I3_12L-32_32-M128-12_7-X-THINUX-0



Fast, focused and built to run your line all day.

The Thinvent 15" Industrial Panel PC brings desktop-class Intel Core i3 performance to the factory floor, the kiosk and the control room. With six cores responding in an instant, it keeps dashboards, terminals and operator screens moving smoothly, even when several tasks run at once.

Why it earns its place on your wall

- It runs quietly and reliably in dusty, hot environments thanks to fanless passive cooling and an aluminium housing.
- Dual Gigabit Ethernet ports let you keep machine networks and office networks separate, or connect to two systems at once.
- The 15 inch screen with wide 178° viewing angles stays readable from almost any position on the floor.

- Thinux Embedded Linux comes ready to work, with browsers, remote desktop, SSH, VNC shadowing and browser based management built in.
- Java, Python and glibc support means your existing location applications can move across without a rewrite.
- RS485, USB 3.2, HDMI and VGA give you room to connect scanners, PLCs, cameras and legacy equipment.
- SIP video and voice over IP turns the panel into a communication point as well as a control point.

Choose Thinvent when you need a panel PC that starts fast, stays responsive and keeps your operation visible.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 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

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	0.90kg, 0.90kg

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-i3_12L-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

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

www.thinvent.insales@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

