



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: PPC15-I3_12L-16-M1024-12_7-M-THINUX-0



Speed and clarity for the factory floor.

The Thinvent 15" Industrial Panel PC brings desktop-class responsiveness to demanding shop-floor and control-room environments. Powered by a 12th generation Intel Core i3-1215U processor, it keeps dashboards, SCADA screens and operator interfaces moving smoothly, even when several applications run side by side.

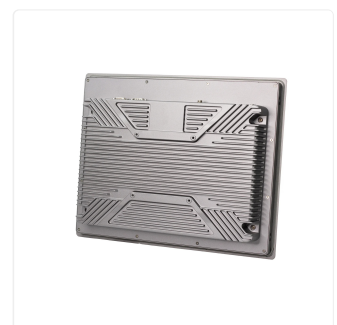
Where it earns its keep

- Production lines and machine control stations needing a dependable, always-on operator terminal
- Warehouse and logistics desks running browser-based warehouse management systems
- Kiosks and self-service points in busy public or industrial settings
- Control rooms displaying live process data, alarms and video feeds
- Remote support teams using VNC shadowing and RDP to assist operators without walking the floor

Why teams choose it

- Dual gigabit Ethernet lets you keep plant network traffic separate from office or internet traffic, a common requirement in industrial networks
- The 15 inch panel with 1024 × 768 resolution and 350 nits brightness stays readable under typical factory lighting, with wide viewing angles so operators can read it from the side
- Aluminium housing and passive cooling mean no moving parts to service, so it copes with dusty, hot environments where a standard office PC would struggle
- Thinix Embedded Linux comes ready with Chromium, Firefox, LibreOffice, Java, Python and SIP video, so you can deploy your application without hunting for drivers
- RS485 option and dual LAN make it straightforward to connect to legacy PLCs, sensors and industrial equipment
- 12V DC input with a 100 to 240V AC adapter simplifies installation wherever power is available

If you need a rugged, low-maintenance computer that runs your line software reliably shift after shift, this is the panel PC to specify.



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	16 GB
SSD Storage	1024 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	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	

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