



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

8GB DDR4 RAM

2TB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: PPC15-I3_12-8-M2048-12_7-M-THINUX-0



Fast, clear and built for the factory floor.

The Thinvent 15" Industrial Panel PC is the dependable front end for your production line, your control room or your customer-facing kiosk. With a 12th generation Intel Core i3-1215U processor, it responds quickly to whatever your operators throw at it, so shifts keep moving and nobody waits on a screen.

Why teams choose it

- One compact unit replaces a separate box, monitor and cabling, so your panel stays clean and your installation stays simple.
- The 15 inch display with wide viewing angles stays readable from standing height and from the side, which matters when several people need to check the same screen.
- A responsive processor keeps dashboards, terminals and monitoring tools moving smoothly through long shifts.

- Thinux Embedded Linux comes ready with browsers, remote desktop, SSH, VNC shadowing and office tools, so you can deploy without hunting for extra software.
- Browser based remote management lets your IT team support machines across the plant from one place.
- Java, Python and glibc support means your existing location and control applications can run on the panel itself.
- Aluminium housing and fanless passive cooling suit dusty, hot environments where ordinary PCs struggle.
- Wide input power range works with standard industrial supplies.

If you need a panel PC that your operators trust and your IT team can manage remotely, this is the one 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	8 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
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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_12-[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

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

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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