



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

2TB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12L-16-M2048-12_7-X-THINUX-KM



Tough, fast and built for the factory floor.

The Thinvent® 15" Industrial Panel PC is the dependable centre of your production line, control room or kiosk. Powered by a 12th generation Intel® Core™ i3-1215U processor, it responds instantly to every touch, keeps dashboards smooth and handles demanding plant software without stutter.

Why teams choose it

- Runs all day on the shop floor, thanks to fanless passive cooling and a rugged aluminium housing that shrugs off dust and heat.
- Two Gigabit Ethernet ports keep your control network and office network separate, so plant traffic never slows your reporting.
- Thinux™ Embedded Linux comes ready to work, with Chromium, Firefox, LibreOffice, PDF viewing, multimedia playback and SIP video and voice over IP.
- Remote display, VNC shadowing and browser based management let your IT team support every unit from their desk.

- Java, Python and glibc support means your existing location applications run without a rewrite.
- A clear 15 inch display with wide viewing angles stays readable from across the workstation.
- The included Thinvent® keyboard and mouse mean you can deploy straight out of the box.

Where it fits

- Production line terminals and machine control stations.
- Warehouse and logistics dashboards.
- Interactive kiosks and information points.
- Laboratory and test bench instrumentation.
- Remote monitoring and control rooms.

If you need an industrial panel PC that simply keeps running, shift after shift, the Thinvent® 15" is the sensible choice.



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	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	1.41kg, 1.41kg

ACCESSORIES

Keyboard and Mouse	1
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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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