



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12-16-M256-12_7-M-THINUX-KM



Fast, focused and ready for the factory floor.

The Thinvent® 15" Industrial Panel PC brings desktop-class responsiveness to the point of work. With an Intel® Core™ i3-1215U processor, everyday tasks feel quick and fluid, so your team spends less time waiting and more time getting things done.

Built for the realities of industrial environments

- Aluminium housing stands up to demanding surroundings
- Fanless passive cooling keeps the interior free of circulating dust
- 15" display with wide 178° viewing angles stays readable from different positions
- 350 nits brightness holds up under typical factory lighting

One screen, many jobs

- Run dashboards, control applications and monitoring software side by side
- Connect to legacy and modern equipment through serial, Ethernet and USB ports

- Keep operators informed with clear visuals and built-in audio

Ready to deploy, ready to manage

- Thinux™ Embedded Linux comes pre-installed, so you can start work straight away
- Browser based remote management and VNC shadowing let you support machines without leaving your desk
- RDP support means you can integrate with existing Windows infrastructure
- Java, Python and glibc support gives your developers a familiar foundation

Why choose Thinvent

- A complete, integrated solution with keyboard and mouse included
- Designed for continuous operation in industrial settings
- Backed by Thinvent's focus on dependable industrial computing

If you need a reliable panel PC that handles real work without fuss, the Thinvent® 15" Industrial Panel PC is built for the job.



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	256 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	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_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		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	

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