



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Ubuntu Linux

SKU: PPC15-I3_12-16_16-M1024-12_7-X-U-0



Big performance for the factory floor, without the bulk.

Meet the Thinvent 15" Industrial Panel PC, built around an Intel Core i3-1215U processor. With six cores reaching up to 4.4 GHz, it handles demanding shop-floor software, dashboards and control applications without stuttering.

Why you should choose it

- Runs Ubuntu Linux 24.04 LTS out of the box, so you get a stable, secure platform with no licence headaches.
- The 15 inch display with 350 nits brightness and wide 178 degree viewing angles stays readable from almost any position on the line.
- Fanless passive cooling in an aluminium housing means fewer moving parts to wear out and less dust pulled through the enclosure.
- A 128GB SSD and 4GB DDR4 memory keep everyday industrial workloads responsive.

- Connect legacy and modern equipment side by side with HDMI, VGA, USB 3.2, USB 2.0, gigabit Ethernet and an optional RS485 port.
- Audio in and out let you add voice prompts or alarms where operators need them.
- The 12V 5A adapter with a 2 metre cable simplifies installation on existing control cabinets.

Where it earns its keep

- Production line terminals running MES or SCADA dashboards.
- Machine control stations where a reliable, fixed panel is essential.
- Warehouse and logistics desks that need a tough, always-on display.
- Laboratory and test benches running Linux-based instrumentation software.

If you need a dependable panel PC that keeps working shift after shift, the Thinvent 15" is the practical 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	32 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
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	4.72kg, 5.30kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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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