



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

128GB SSD

No WiFi

Windows 11 IoT Value

SKU: PPC15-I3_12L-32_32-M128-12_7-X-11V-0



Your shop floor deserves a screen that keeps up.

The Thinvent 15 inch Industrial Panel PC brings serious computing power to the factory floor, the warehouse bench and the production line. At its heart sits an Intel Core i3-1215U processor with six cores running up to 4.4 GHz, so your dashboards, machine interfaces and data logging applications respond instantly instead of making operators wait.

Why businesses choose it

- Run demanding industrial software without stutter, from SCADA displays to production tracking dashboards.
- Dual gigabit Ethernet ports let you connect to both your machine network and your office network from a single panel.
- The 15 inch display with wide viewing angles stays clear and readable from almost anywhere an operator stands.

- An aluminium housing and fanless passive cooling mean fewer moving parts to fail and less maintenance downtime.
- Windows 11 IoT Enterprise LTSC 2024 Value gives you a stable, long-life platform built for embedded and industrial deployments.
- RS485 support connects directly to legacy plant equipment, programmable logic controllers and sensors.
- USB 3.2, HDMI and VGA ports make integration with existing peripherals straightforward.

Whether you are upgrading an ageing terminal on a packaging line or building a control station for a new production cell, this panel PC is built to sit where the work happens and keep running shift after shift. Simple to deploy, easy to live with, and ready for the long haul.



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	64 GB
SSD Storage	128 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	0.90kg, 0.90kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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