Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: PPC15-I3_12L-16_16-M2048-12_7-M-11V-0

Speed and clarity for the factory floor.

The Thinvent 15" Industrial Panel PC brings responsive Intel Core i3 performance to your production line, your control room, or your customer-facing kiosk. With six cores and speeds up to 4.4 GHz, it handles dashboards, SCADA software, and data logging without stutter, so your operators are never left waiting on a screen.

Why teams choose it

- A bright 15" display with wide viewing angles keeps readings clear from almost anywhere on the floor.
- Dual Gigabit Ethernet and dual band Wi-Fi 5 keep your machine connected to the systems that matter.
- Fanless aluminium housing means no vents to clog and no fans to fail, so it keeps running in dusty, hot environments.
- RS485 option lets you talk directly to legacy industrial equipment and sensors.
- Windows 11 IoT Enterprise LTSC 2024 Value gives you a stable, long-life platform with fewer surprise updates.
- 4 GB RAM and 128 GB SSD cover everyday industrial workloads straight out of the box.

Whether you are upgrading an old terminal, building a new workstation, or rolling out panels across multiple sites, this is a dependable, low-maintenance machine that simply gets on with the job.

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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	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
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

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	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	**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	
	11O = 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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