



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

8GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 Pro

SKU: PPC15-I3_12L-8-M2048-12_7-M-11P-0



Big performance for the factory floor.

The Thinvent® 15" Industrial Panel PC brings Intel® Core™ i3 power to your production line, your control room, or your shop floor. With a 12th generation processor running up to 4.4 GHz across six cores, it handles your HMI, SCADA, and monitoring software without stutter, so operators get instant feedback and your line keeps moving.

Why choose this panel PC

- Built for the job, not the office. Aluminium housing and fanless passive cooling mean fewer moving parts to fail, so it keeps working where dust and heat are part of daily life.

See it clearly from anywhere. The 15 inch screen with

- 350 nits brightness and 178° viewing angles stays readable from wide positions, so operators do not have to stand directly in front of it.

- Connect to what you already run. Dual gigabit Ethernet, HDMI, VGA, USB 3.2, and an RS485 option let you link PLCs, legacy equipment, and modern peripherals on one machine.
- Windows 11 Pro out of the box. Familiar, secure, and ready for your existing industrial software, with no extra setup headaches.
- Flexible power for real installations. Runs from a 12V 5A adapter or wide-range AC input, so it fits control cabinets and bench setups alike.

If you need a dependable panel PC that keeps your operation visible and in control, the Thinvent® 15" is built to earn its place on your line.



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	8 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
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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 Pro
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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	
	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	

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
 Salvador Do Mundo
 North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
 Sector 49, Sohna Road
 Gurgaon - 122018, India

