



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12-4-M2048-12_7-X-11V-KM



Big performance for the factory floor.

The Thinvent® 15" Industrial Panel PC brings serious computing power to the places where work actually gets done. With an Intel® Core™ i3-1215U processor delivering six cores and speeds up to 4.4 GHz, this machine handles demanding industrial software without hesitation.

Why choose this panel PC

- Run modern industrial applications smoothly, from SCADA dashboards to MES terminals, thanks to 12th generation Intel® processing power.
- Keep your operation running with fanless passive cooling and a rugged aluminium housing built for dusty, hot environments.

- See clearly from any position on the line with a 15" display offering 350 nits brightness and 178° viewing angles.
- Connect legacy equipment and modern peripherals alike, with RS485 support, dual USB standards, HDMI, VGA and Gigabit Ethernet.
- Deploy with confidence using Windows 11 IoT Enterprise LTSC 2024 Value, built for long-term industrial stability.
- Get started straight away with a matching Thinvent® keyboard and mouse included.

Whether you are upgrading an existing workstation or equipping a new production line, this panel PC is built to be the reliable heart of your operation.

Choose Thinvent® for industrial computing that simply works.



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	4 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
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
Housing Material	Aluminium
Net and Gross Weight	1.41kg, 1.41kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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		Thinix = Thinix™ 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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