



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)

256GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_12-16_16-M256-12_7-X-W_OS-KM



Big performance for the factory floor.

Thinvent's 15 inch Industrial Panel PC brings 12th generation Intel Core i3 power to your production line, your control room, or your shop floor terminal. With six cores responding instantly to every command, it keeps pace with demanding industrial software without hesitation.

Why choose this panel PC

- Run modern industrial applications smoothly thanks to the Intel Core i3-1215U processor with six cores and up to 4.4 GHz.
- See clearly from any angle on the shop floor, with a 15 inch screen offering 178 degree viewing in every direction.
- Connect your existing equipment easily using HDMI, VGA, four USB ports, audio in and out, and Gigabit Ethernet.
- Add serial devices when you need them with the optional RS485 port, ideal for legacy machinery and controllers.

- Install it confidently in dusty, hot environments where ordinary computers struggle, thanks to aluminium housing and passive cooling.
- Deploy across multiple stations with a consistent, familiar setup, supplied with a Thinvent keyboard and mouse set.
- Choose your own operating system and configure the machine exactly the way your workflow demands.

Whether you are upgrading an ageing terminal or building a new control station, this panel PC gives you the responsiveness and connectivity that keep operations moving. It is built for people who need a dependable screen and computer in one unit, ready to work the moment you power it on.

Equip your team with a panel PC that simply gets on with the job.



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	256 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	Without OS
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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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