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)

1TB SSD

Dual Band WiFi

DOS

SKU: PPC15-I3_12-16_16-M1024-12_7-M-DOS-0

Big performance for your shop floor, without the bulk.

The Thinvent 15" Industrial Panel PC brings serious computing power to the places where work actually happens. Powered by an Intel Core i3-1215U processor with six cores, it responds quickly to whatever you throw at it, from machine monitoring dashboards to point-of-sale software and production tracking systems.

Why you should choose it

- Built for the factory floor, not the office. The aluminium housing and fanless passive cooling mean no vents to clog with dust and no fans to fail. It keeps running while ordinary desktops struggle.
- See everything clearly. The 15 inch screen with 350 nits brightness and wide 178 degree viewing angles stays readable from almost any position, so operators can check status at a glance.
- Connect to your existing equipment. With RS485, dual Ethernet, VGA, HDMI and four USB ports, it slots into industrial setups without adapters or workarounds.
- Reliable wireless built in. Dual band Wi-Fi 5 keeps your panel connected to plant networks and cloud systems.
- Ready for your software. FreeDOS gives you a clean slate to install exactly the operating system and applications your operation needs.

Whether you are upgrading an ageing terminal on a production line or fitting out a new control station, this panel PC gives you the speed of a modern Intel platform in a package designed for industrial environments.

Stop compromising between performance and toughness. Put a Thinvent panel PC where the work gets done.

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	1024 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
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	FreeDOS

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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	
	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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