Thinvent 15" Industrial Panel PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

64GB DDR5 RAM (2 x 32GB)

256GB SSD

No WiFi

DOS

SKU: PPC15-CU5_14L-32_32_5-M256-12_5-X-DOS-0

Speed and clarity for the factory floor.

The Thinvent® 15" Industrial Panel PC brings responsive Intel® Core™ Ultra 5 performance to the point of work, so your operators spend less time waiting and more time producing.

Built for real environments

- The 15 inch display with wide viewing angles stays readable from almost any position, helping operators work comfortably through long shifts.
- Fanless passive cooling in an aluminium housing means no moving parts to clog with dust, so the panel keeps running where ordinary PCs struggle.
- Dual Gigabit Ethernet ports let you connect to both machine networks and plant systems without extra hardware.
- RS485 option links directly to legacy industrial equipment, protecting your existing investment.
- USB, HDMI and VGA connections make it easy to attach scanners, cameras, second displays and existing peripherals.
- A 12V DC input with a 2 metre cable simplifies installation into control cabinets and kiosks.

Where it earns its place

- Production line terminals and machine control stations.
- Warehouse and logistics dashboards.
- Quality inspection and test benches.
- Building management and access control desks.
- Interactive information points in demanding indoor settings.

Why buy Thinvent

- Industrial-grade design from a specialist manufacturer, not a repurposed office PC.
- Responsive 12-core Intel® processing keeps applications snappy as your software grows.
- FreeDOS gives you a clean platform to install the operating system and software your process requires.
- Straightforward integration with the equipment you already run.

Choose the Thinvent 15" Industrial Panel PC for a dependable, quick-responding terminal that fits your line, your network and your workflow.

Thinvent 15" Industrial Panel PC

Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	256 GB

DISPLAY

Screen Size	15 inch
Resolution	1024 × 768
Brightness	350 nits
Viewing Angle	Horizontal 178°, Vertical 178°
HDMI 2.0	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
Ethernet Ports	2

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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
Housing Material	Aluminium
Net and Gross Weight	0.83kg, 0.83kg

OPERATING SYSTEM

Operating System	FreeDOS

Thinvent 15" Industrial Panel PC

Ordering Information

PRODUCT CODE

`PPC15-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]`

RAM	**8_5** = 8GB DDR5	**16_5** = 16GB DDR5	**32_5** = 32GB DDR5	**32_32_5** = 64GB DDR5 RAM (2 x 32GB)
	16_16_5 = 32GB DDR5 RAM (2 x 16GB)	**8_8_5** = 16GB DDR5 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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