



Thinvent 15" Industrial Panel PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

No WiFi

DOS

SKU: PPC15-I5_14-4-M1024-12_7-X-DOS-0



Big screen control, built for the factory floor.

The Thinvent 15 inch Industrial Panel PC puts a responsive Intel Core 5 120U processor and a bright 15 inch display right where your operators work. Ten cores and speeds up to 5 GHz mean your dashboards, HMI software and data logging keep pace with the line, not the other way round.

Where it earns its place

- Production floors and machine cells, where a clear 1024 x 768 screen at 350 nits stays readable under workshop lighting.
- Control rooms and kiosks, where the wide 178 degree viewing angles let several people read the same panel without crowding.
- Warehousing and logistics desks, where dual HDMI and VGA outputs drive an extra monitor for picking lists or CCTV views.

- Test benches and lab stations, where the aluminium housing and fanless passive cooling keep dust out of the works and noise out of the room.
- Anywhere with a 12 volt supply, from control cabinets to mobile rigs, thanks to the included 12V 5A adapter.

Why buy it

- The 128GB SSD and 4GB DDR4 memory give you a clean, quick base for your own software stack, with FreeDOS preloaded so nothing gets in your way.
- Gigabit Ethernet plus four USB ports and audio in and out cover the peripherals you already own.
- No WiFi onboard means fewer radios to manage on a secure plant network.

If you need a dependable panel PC that fits a 15 inch footprint and simply gets on with the job, this is the one to specify.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	1024 GB

DISPLAY

Screen Size	15 inch
Resolution	1024 × 768
Brightness	350 nits
Viewing Angle	Horizontal 178°, Vertical 178°
HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

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	0.53kg, 0.53kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE				
PPC15-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
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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