



Thinvent 15" Industrial Panel PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

2TB SSD

Dual Band WiFi

DOS

SKU: PPC15-I7_12L-32_32-M2048-12_7-M-DOS-0



Big performance for the factory floor.

Thinvent's 15 inch Industrial Panel PC puts 12th generation Intel Core i7 muscle right where the work happens. With ten cores reaching up to 4.7 GHz, it keeps pace with demanding production software, live dashboards and multi-tasking operators without hesitation.

Built for real industrial environments

- Aluminium housing stands up to the daily knocks of a busy plant.
- Fanless passive cooling means fewer moving parts to service and less downtime.
- Wide 178 degree viewing angles keep readings clear from almost any position on the line.
- Dual Gigabit Ethernet and dual band Wi-Fi 5 keep your systems connected and your data moving.
- Plenty of ports, including USB 3.2, HDMI, VGA and an RS485 option, make it easy to link with existing machinery and peripherals.

Where it earns its keep

- Production monitoring and control stations.
- Warehouse and logistics dashboards.
- Machine interface terminals.
- Quality inspection and test benches.

Why buy it

- Fast, responsive performance that keeps operators productive.
- Robust construction that suits the shop floor, not just the office.
- Flexible connectivity that fits the equipment you already run.
- A practical, long term platform for industrial computing.

Step up to a panel PC that works as hard as you do.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	64 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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
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
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PHYSICAL

Form Factor	Panel PC
Thermal Design	Fanless Passive Cooling
Housing Material	Aluminium
Net and Gross Weight	0.93kg, 0.93kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

PPC15-i7_12L-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB		m256 = 256GB m1024 = 1TB	
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux		W_OS = Without OS 11P = Windows 11 Pro Thinux = Thinux™ Embedded Linux	
Accessories	0 = None MK = Mechanical Keyboard		KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse	

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