



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)

1TB SSD

Dual Band WiFi

Without OS

SKU: PPC15-I7_12L-32_32-M1024-12_7-M-W_OS-0



Big performance for the factory floor.

The Thinvent® 15" Industrial Panel PC puts serious computing power right where your work happens. With an Intel® Core™ i7-1255U processor delivering 10 cores and speeds up to 4.7 GHz, this panel PC handles demanding industrial applications without hesitation, from production dashboards to quality inspection stations.

Why choose this panel PC

- Fast, responsive processing for multitasking across monitoring, control and reporting software
- Dual Ethernet ports keep your production network and office network connected at the same time
- Wi-Fi 5 dual band gives you flexible wireless connectivity where cabling is difficult
- Fanless passive cooling means fewer moving parts and less maintenance attention

- Aluminium housing stands up to the realities of a working industrial environment
- 15 inch screen with wide 178° viewing angles stays readable from different positions on the line
- Serial and USB connectivity make it straightforward to link with existing equipment
- Flexible power input works with standard AC supplies through the included adapter

Whether you are upgrading an ageing terminal or equipping a new workstation, this panel PC gives you the speed and connectivity to keep production moving. It arrives without an operating system, so you can install exactly the platform your operation requires.

Choose Thinvent® for industrial computing that keeps pace with your business.



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	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
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	Without OS
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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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