



Thinvent 15" Industrial Panel PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Without OS

SKU: PPC15-I7_12L-4-M512-12_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	4 GB
SSD Storage	512 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	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	
	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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