



Thinvent 15" Industrial Panel PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 Professional

SKU: PPC15-I7_12L-16-M2048-12_7-X-11O-0



Big performance for the factory floor.

The Thinvent® 15" Industrial Panel PC brings desktop-class speed to demanding industrial environments. Powered by an Intel® Core™ i7-1255U processor with 10 cores, it handles demanding applications, data logging and multi-window monitoring without slowing you down.

Built for the real world

- Runs reliably in dusty workshops and hot production areas thanks to its fanless passive cooling and aluminium housing.
- Keeps your lines moving with dual Gigabit Ethernet ports for separate control and office networks.
- Connects easily to legacy machinery and modern equipment alike, with HDMI, VGA, USB 3.2 and an optional RS485 port.

- Displays clearly from almost any position, with a 15" screen and wide 178° viewing angles.
- Comes ready to deploy with Windows 11 Professional pre-installed.

Why buy it

- One panel does the work of a PC and a monitor, saving space on crowded control desks.
- The i7-1255U gives you headroom for years of software updates and growing workloads.
- Aluminium construction and passive cooling mean fewer moving parts to service.
- Dual LAN and RS485 options make it a natural fit for SCADA, HMI and industrial automation setups.

If you need a tough, fast panel computer that keeps production running shift after shift, this is the one to choose.



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	16 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

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	Microsoft Windows 11 Professional
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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		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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