



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

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: PPC15-I7_12L-16-M2048-12_7-X-THINUX-KM



Power through every shift without missing a beat.

The Thinvent® 15" Industrial Panel PC is built for workplaces where downtime simply is not an option. With a 12th generation Intel® Core™ i7-1255U processor delivering 10 cores and speeds up to 4.7 GHz, it handles demanding applications, multitasking and data-heavy workloads with ease, so your team stays productive from the first bell to the last.

Designed for the factory floor, the control room and the shop floor

- Fanless passive cooling in an aluminium housing means no vents to clog and no fans to fail, so it keeps running in dusty, hot environments.
- Dual gigabit Ethernet ports keep your critical connections separate and reliable, ideal for industrial networks and machine control.

- A bright 15 inch display with wide 178° viewing angles stays readable from almost any position on the line.
- Thinux™ Embedded Linux comes ready to work, with browsers, remote desktop tools, office software and multimedia support built in.
- RS485 option, USB 3.2, HDMI and VGA make it simple to connect to existing equipment and displays.

Whether you are upgrading an ageing terminal or equipping a new production line, this panel PC gives you desktop-class performance in a compact, industrial-ready package. It arrives with a Thinvent® keyboard and mouse set, so you can deploy it straight out of the box.

Choose Thinvent® for 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	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	1.45kg, 1.45kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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