Thinvent 15" Industrial Panel PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

8GB DDR5 RAM

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: PPC15-CU5_14L-8_5-M1024-12_7-M-11V-KM



Your shop floor deserves a computer that keeps up.

The Thinvent® 15" Industrial Panel PC brings serious computing power to the places where ordinary PCs struggle. At its heart sits an Intel® Core™ Ultra 5 125U processor with 12 cores, so multitasking across dashboards, machine interfaces and production software feels effortless rather than frustrating.

Why choose this panel PC

- Built for the factory floor, not the office desk. The aluminium housing and fanless passive cooling mean there are no vents for dust to clog and no fan to fail, so it keeps running shift after shift.
- A 15 inch display with a wide 178° viewing angle means operators can read it clearly from wherever they stand, at 350 nits brightness.
- Dual Gigabit Ethernet ports let you connect to both your plant network and a separate control network, keeping production traffic and office traffic apart.
- Plenty of connectivity for real industrial work, including RS485, USB, HDMI and VGA, so you can hook up legacy equipment alongside modern peripherals.
- Windows 11 IoT Enterprise LTSC 2024 Value keeps your system stable and supported for the long haul, without forced feature updates disrupting production.
- Wireless networking and a bundled Thinvent® keyboard and mouse set mean you are up and running straight out of the box.

  If you need a dependable, powerful panel PC for machine control, production monitoring or interactive terminals, this is the one to buy.









Thinvent 15" Industrial Panel PC

Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	1024 GB

DISPLAY

Screen Size	15 inch
Resolution	1024 × 768
Brightness	350 nits
Viewing Angle	Horizontal 178°, Vertical 178°
HDMI 2.0	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	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

PHYSICAL

Form Factor	Panel PC
Thermal Design	Fanless Passive Cooling
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	5.27kg, 5.85kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value

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Ordering Information

PRODUCT CODE

`PPC15-cu5_14l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]`

RAM	**8_5** = 8GB DDR5	**16_5** = 16GB DDR5	**32_5** = 32GB DDR5	**32_32_5** = 64GB DDR5 RAM (2 x 32GB)
	16_16_5 = 32GB DDR5 RAM (2 x 16GB)	**8_8_5** = 16GB DDR5 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	
	11O = 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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