



Thinvent Aero Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

16GB DDR5 RAM

256GB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: AERO-CU5_14L-16_5-M256-12_5-M-THINUX-0



Engineered for Endurance, Designed for Demands.

The Thinvent® Aero Mini PC is your steadfast partner for seamless digital operations. This compact powerhouse isn't about specs; it's about reliable performance that keeps your business running smoothly, day in and day out.

Unwavering Reliability for Continuous Operation

- Deploy with confidence in kiosks, digital signage, or control panels, knowing it delivers consistent performance where it matters most.
- Its robust, industrial-grade build is crafted to thrive in varied environments, offering peace of mind for long-term installations.

Simplified Connectivity and Management

- Stay effortlessly connected with dual LAN ports and integrated Wi-Fi, providing flexible networking options for any setup.

- Remotely manage and troubleshoot with ease using the intuitive browser-based tools and VNC support, minimising downtime and site visits.

Ready for Real-World Applications

- Effortlessly drive multimedia content, interactive displays, or essential office applications with the pre-loaded, optimised software suite.
- A versatile array of front and rear ports allows for simple integration with peripherals, from payment devices to specialised controllers.

Choose the Aero Mini PC for a no-fuss, dependable computing core that focuses on the task at hand, freeing you to focus on your business.



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	16 GB
SSD Storage	256 GB

DISPLAY

HDMI 2.0	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1
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	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum

ENVIRONMENTAL

Operating Temperature	0°C ~ 35°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	198mm × 187mm × 40mm
Housing Material	Steel and ABS Plastic
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.62kg, 1.62kg

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.

Cable Length

2 Metre

Ordering Information

PRODUCT CODE			
Aero-cu5_14L-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]			
RAM	8_5 = 8GB DDR5	16_5 = 16GB DDR5	32_5 = 32GB DDR5
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB		m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux		W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None MK = Mechanical Keyboard		KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse

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