

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

8GB DDR5 RAM

32GB MLC SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: AERO-CU5_14L-8_5-S32-12_5-M-11V-0



Unlock big performance from a remarkably small footprint.

The Aero Mini PC is the discreet powerhouse engineered for demanding commercial environments. This isn't just a compact computer; it's a reliable partner for your core business operations.

Built for Business Resilience

- Experience smooth, lag-free performance for digital signage, point-of-sale systems, and interactive kiosks.
- Enjoy steadfast reliability with dual Gigabit Ethernet, ensuring your network connections stay live and productive.
- Deploy with confidence using the robust Windows 11 IoT platform, designed for long-term stability in specialised applications.

Engineered for Simplicity

- Its miniature size saves crucial space, allowing for clean, clutter-free installations on walls, under desks, or behind monitors.
- Versatile connectivity options mean you can easily integrate with a wide range of existing peripherals and displays.
- The rugged, industrial-grade construction is built to withstand the rigours of 24/7 operation in shops, offices, and light industrial settings.

Choose the Thinvent Aero Mini PC. Where compact design meets uncompromising commercial-grade performance.



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	32 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
Cable Length	2 Metre

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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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