



Thinvent Aero Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

32GB DDR5 RAM (2 x 16GB)

256GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: AERO-CU5_14L-16_5_16_5-S256-12_5-M-11P-0



Power through your digital workspace without the bulk.

For the professional who demands performance without the footprint, the Thinvent Aero Mini PC is your ultimate ally. Engineered with the latest Intel Core Ultra 5 processing, it delivers seamless multitasking and swift responsiveness for business applications, digital signage, and office productivity. This compact powerhouse fits anywhere, decluttering your desk while powering your operations.

Why the Aero Mini PC is your smart choice

- Maximise your productivity: Experience smooth, lag-free performance that keeps pace with your busiest days, from complex spreadsheets to video conferencing.

- Unmatched versatility: Its compact, robust design is perfect for space-constrained environments, whether mounted discreetly behind a monitor or integrated into a retail kiosk.
- Connect with confidence: Dual Gigabit Ethernet ports ensure a reliable, high-speed wired connection for critical network tasks, supported by strong wireless connectivity.
- Ready for business out of the box: Comes pre-installed with Windows 11 Pro, providing a familiar, secure, and professional-grade platform from the moment you power it on.

Engineered for reliability and backed by industry-leading certifications, the Aero Mini PC is the robust, space-saving solution for modern business computing.



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	32 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
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 Pro
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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	32_5_32_5 = 64GB DDR5 RAM (2 x 32GB)
	16_5_16_5 = 32GB DDR5 RAM (2 x 16GB)			
SSD	m128 = 128GB	m256 = 256GB		
	m512 = 512GB	m1024 = 1TB		
	S32 = 32GB MLC	S128 = 128GB		
	S256 = 256GB			
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS		
	11V = Windows 11 IoT Value	11P = Windows 11 Pro		
	Thinix = Thinix™ 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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