



Thinvent Aero Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

8GB DDR5 RAM

512GB SSD

Dual Band WiFi

Windows 11 Professional

SKU: AERO-CU5_14L-8_5-M512-12_5-M-110-0



Small footprint, mighty performance — the Aero Mini PC brings serious computing power to the spaces where big towers simply won't fit.

A workspace that works around you

The Aero Mini PC sits neatly on your desk, tucks behind a monitor, or slots into a tight cabinet, turning cramped corners into productive stations. It runs quietly and sips power, so it keeps your environment calm, cool, and clutter-free — ideal for busy offices, reception desks, and home studies where every centimetre counts.

Built for the demands of everyday business

Whether you're running a busy shop floor, managing a hotel front desk, or powering digital signage in a lobby, this machine handles multiple tasks without breaking a sweat. Its responsive Intel Core Ultra processor keeps spreadsheets, presentations, and web apps moving swiftly, so you spend less time waiting and more time getting things done.

Connectivity without compromise

With two wired network ports, the Aero Mini PC makes light work of secure setups, VPNs, and network segmentation — perfect for finance, healthcare, and any role that prizes reliable, protected connections. Add dual-band wireless networking and you can hop between wired and Wi-Fi with ease, keeping your workflow uninterrupted wherever you are.

Ready for the long haul

Built with a durable powder-coated housing and engineered to run 24/7 in normal office conditions, the Aero Mini PC is a dependable partner for daily operations. Windows 11 Professional comes pre-installed, giving you familiar tools, strong security, and seamless compatibility with the software your business already uses.

If you're looking for a compact, dependable PC that fits into real-world workspaces without compromise, the Aero Mini PC is the sensible choice. It's the quiet, capable workhorse your desk has been waiting for.



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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	512 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 Professional
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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	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	S256 = 256GB	
	m2048 = 2TB			
	S128 = 128GB			
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS		
	11V = Windows 11 IoT Value	11P = Windows 11 Pro		
	110 = 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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