



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

1TB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: AERO-CU5_14L-16_5-M1024-12_5-M-11P-KM



Engineered for the relentless pace of modern business.

Power Unleashed, Space Reclaimed

Tame complex workflows and demanding applications without the bulk of a traditional tower. This sleek, silent powerhouse delivers the robust performance you need to keep your operations fluid and your teams productive, all from a footprint smaller than a notepad.

Built for Business Continuity

Your network is your lifeline. With integrated dual Gigabit Ethernet ports, ensure critical connections never drop. Create a resilient, high-speed backbone for POS systems, surveillance networks, or dedicated servers, safeguarding your data and your downtime.

Ready for Work Right Out of the Box

Hit the ground running from the moment you unbox it. Pre-installed with the professional-grade security and management features of Windows 11 Pro, and complete with a keyboard and mouse set, it's a fully integrated solution. Simply connect to your display and empower your team.

The Compact Cornerstone for Any Workspace

- Deploy a clutter-free digital signage controller that runs content flawlessly.
- Host a reliable local server for inventory or access control systems.
- Create an efficient, space-saving workstation for reception desks or call centres.
- Power a versatile thin client setup with enterprise-level connectivity.

The Thinvent Aero Mini PC: Maximum capability, minimum footprint.



Thinvent Aero Mini 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	16 GB
SSD Storage	1024 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	2.14kg, 2.14kg

ACCESSORIES

Keyboard and Mouse	1
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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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