



Thinvent Aero Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

64GB DDR5 RAM (2 x 32GB)

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-CU5_14L-32_5_32_5-M256-12_5-M-11V-KM



Unleash big performance from a tiny powerhouse.

The ultimate compact solution for demanding business environments

Engineered to thrive where space is at a premium, the Thinvent® Aero Mini PC delivers robust, dependable computing in a remarkably small footprint. It's the perfect fusion of modern power and industrial reliability, ready to tackle your day-to-day operations without compromise.

Perfect for powering your business

- Transform any space into a productive workstation, digital kiosk, or point-of-sale terminal.
- Drive multiple displays with ease for control rooms, reception areas, or dynamic advertising.

- Enjoy seamless connectivity with dual LAN ports for network redundancy and fast data transfer.
- Benefit from enterprise-grade stability with a pre-installed, long-term support Windows operating system.
- Get started immediately with everything you need included, from power supply to keyboard and mouse.

Built for the long run

Housed in a rugged, steel-reinforced casing, the Aero is designed for 24/7 operation in commercial and light-industrial settings. It delivers the trusted performance you need to keep your critical applications running smoothly, day in and day out.



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	64 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	2.14kg, 2.14kg

ACCESSORIES

Keyboard and Mouse	1
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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_16_5 = 32GB DDR5 RAM (2 x 16GB)	16_5 = 16GB DDR5	32_5 = 32GB DDR5	32_5_32_5 = 64GB DDR5 RAM (2 x 32GB)
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB		
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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