



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

256GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-CU5_14L-16_5-M256-12_5-X-W_OS-KM



Powerful performance, compact footprint: The Thinvent® Aero Mini PC.

Unlock a new dimension of space-saving computing power. The Aero Mini PC delivers robust, reliable performance for demanding business and industrial environments, all from an incredibly small form factor that declutters any workspace.

Built for reliability in critical applications

- Engineered for 24/7 operation in a wide range of temperatures, ensuring unwavering performance on the factory floor or in the control room.
- Dual Gigabit Ethernet ports provide essential network redundancy and high-speed data transfer for seamless integration into your existing infrastructure.

- A wealth of front and rear connectivity, including multiple USB ports, offers ultimate flexibility for peripherals, from barcode scanners to specialised industrial hardware.

Your dedicated workhorse, ready to deploy

- Arrives without an operating system, giving you complete freedom to install your preferred, secure software stack for total control.
- Includes a premium Thinvent keyboard and mouse set for immediate productivity right out of the box.
- Its rugged steel construction and certified design mean you can trust it to perform day in, day out, supporting your core operations without interruption.

Choose the Thinvent Aero Mini PC: where industrial-grade durability meets intelligent, compact design.



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	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

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	Without OS
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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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