



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

32GB MLC SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-CU5_14L-8_5-S32-12_5-X-11V-KM



Engineer the future of your operations in a compact, powerful package.

Where it excels

- Perfect for edge computing in demanding environments, from factory floors to retail kiosks, where reliable, always-on performance is non-negotiable.
- Its robust dual Ethernet design ensures your critical data transfers are fast, secure, and resilient, forming the backbone of a rock-solid industrial network.
- Pre-installed with Windows 11 IoT, it delivers a stable and secure platform for running your specialised applications without unnecessary bloat or distraction.

Built for business

- Experience seamless multitasking and rapid application response, enabling smoother workflows and greater productivity from your team.
- The included keyboard and mouse set means you can deploy a complete, ready-to-work solution straight out of the box, minimising downtime and setup complexity.
- Engineered with industrial-grade components, it offers dependable operation day in, day out, giving you one less thing to worry about in a high-stakes environment.

Choose the Thinvent Aero Mini PC for a dependable computing core that just works, letting you focus on what really matters—running your business.



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	32 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
--------------------	---

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
------------------	---

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

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India

