



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

Dual Band WiFi

Without OS

SKU: AERO-CU5_14L-8_5-S32-12_5-M-W_OS-0



Unleash serious power from an impossibly compact chassis.

Engineered for demanding environments, the Thinvent Aero Mini PC is your steadfast partner for continuous operation. Its robust, fanless steel construction ensures silent and reliable performance in spaces where every decibel and every degree counts.

Built for the real world

- Conquer complex tasks with seamless multitasking, thanks to advanced Intel processing that handles business applications and digital signage with ease.

- Enjoy unparalleled connectivity with dual Gigabit Ethernet ports, perfect for network redundancy, firewall applications, or connecting to multiple data sources.
- Deploy with ultimate flexibility in tight spaces, from retail kiosks and conference rooms to factory floors and vehicle installations.
- Rely on steadfast stability with a wide operating temperature range and industrial-grade components built for 24/7 durability.

The Aero Mini PC is the intelligent, space-saving solution that just works, day in and day out. Stop compromising on performance or reliability.



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 |
| 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 | Without OS |
|------------------|------------|

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

