



# Thinvent Aero Mini PC

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 32GB DDR5 RAM

## 256GB SSD

## Dual Band WiFi

## Without OS

SKU: AERO-CU5\_14L-32\_5-S256-12\_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     | 32 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 | 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 | 32_5_32_5 = 64GB<br>DDR5 RAM (2 x<br>32GB) |
|             | 16_5_16_5 = 32GB<br>DDR5 RAM (2 x<br>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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