



# 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

## 128GB SSD

## No WiFi

## Ubuntu Linux

SKU: AERO-CU5\_14L-16\_5-S128-12\_5-X-U-0



Power your operations with serious, silent computing strength.

### Engineered for endurance and focused performance

Forget complex IT overhead. The Thinvent® Aero Mini PC delivers robust, reliable computing power in a compact, fanless chassis. Its industrial-grade build thrives in demanding environments, from the factory floor to the digital signage network, ensuring your critical applications run smoothly day in, day out.

### Ideal for dedicated industrial and commercial tasks

- Deploy as a dependable controller for automation systems and kiosks.

- Drive multiple displays with flawless clarity for information panels and menus.
- Operate silently and efficiently as a compact server or network gateway.
- Build a secure, stable digital infrastructure with the proven Ubuntu Linux OS.

This is industrial computing, refined. With dual Gigabit Ethernet for robust networking, extensive connectivity for peripherals, and a rugged design built to last, the Aero Mini PC is the steadfast core your business processes deserve.



# 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     | 16 GB   |
| SSD Storage     | 128 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 | 1.62kg, 1.62kg        |

### OPERATING SYSTEM

|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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 |                  |                                            |

[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto: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

