



# 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

## 512GB SSD

## No WiFi

## Windows 11 Pro

## Thinvent Keyboard and Mouse set

SKU: AERO-CU5\_14L-16\_5-M512-12\_5-X-11P-KM



Powerfully Compact for Your Professional World: The Thinvent® Aero Mini PC.

Engineered for demanding environments, this silent workhorse delivers serious performance without taking up your valuable space. It's the robust and reliable heart for your critical operations.

### Ideal For

- Digital signage and interactive kiosks that need to run flawlessly around the clock.
- Secure office workstations and point-of-sale systems where consistent, wired connectivity is key.
- Industrial control panels and automation projects requiring a dependable, fanless design in compact spaces.

### Why Choose the Aero Mini PC?

Experience the seamless power of an Intel® Core™ Ultra processor, handling everyday business applications and multi-tasking with ease. Its rugged steel chassis is built to last in any setting, from a retail shop floor to a workshop. With dual Gigabit Ethernet ports, ensure maximum network reliability and throughput for your most important connections. It arrives ready to work, complete with a professional Windows 11 Pro licence and a keyboard and mouse set for immediate setup. Choose Thinvent for a no-fuss computing solution that focuses purely on getting the job done.



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| 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     | 512 GB  |

### DISPLAY

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|          |   |
|----------|---|
| HDMI 2.0 | 1 |
| VGA      | 1 |

### AUDIO

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|                   |   |
|-------------------|---|
| Speaker Out       | 1 |
| Mic In            | 1 |
| Front Speaker Out | 1 |
| Front Mic In      | 1 |

### CONNECTIVITY

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|               |   |
|---------------|---|
| USB 3.2       | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 4 |
| Front USB C   | 1 |
| RS485 Option  | 1 |

### NETWORKING

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|                |           |
|----------------|-----------|
| Ethernet       | 1000 Mbps |
| Ethernet Ports | 2         |

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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

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|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

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|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

| PRODUCT CODE   |   |                         |  |
|--|---|-------------------------|--|
| <b>Aero-cu5_14L-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]</b> |   |                         |  |
| RAM  | <b>8_5</b> = 8GB DDR5   | <b>16_5</b> = 16GB DDR5 | <b>32_5</b> = 32GB DDR5  |
| SSD  | <b>m128</b> = 128GB<br><b>m32</b> = 32GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB           |                         | <b>m256</b> = 256GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB |
| Wireless   | <b>m</b> = Dual Band WiFi   |                         | <b>X</b> = No WiFi   |
| OS   | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinix</b> = Thinix™ Embedded Linux |                         | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux         |
| Accessories  | <b>0</b> = None<br><b>MK</b> = Mechanical Keyboard  |                         | <b>KM</b> = Keyboard and Mouse set<br><b>Mo</b> = Wired Optical Scroll Mouse               |

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