



# 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 (2 x 16GB)

512GB SSD

No WiFi

DOS

## Thinvent Keyboard and Mouse set

SKU: AERO-CU5\_14L-16\_5\_16\_5-M512-12\_5-X-DOS-KM



Unleash big performance from a tiny powerhouse.

### Engineered for reliability, built for business

- Experience seamless multitasking and rapid application response, keeping your operations fluid and frustration-free.
- Its ultra-compact design liberates valuable desk space, enabling cleaner, more professional work environments.
- Dual LAN ports provide robust, wired network redundancy for critical connections in retail, office, or industrial settings.
- Built with industrial-grade components for dependable, day-in, day-out operation in a range of environments.

### Ideal for streamlined digital solutions

- The perfect core for digital signage, point-of-sale systems, or self-service kiosks.
- Drives productivity as a dedicated workstation for office tasks, call centres, or light design work.
- An efficient and discreet choice for network management, server hosting, or thin client setups.

Ready to work straight out of the box with included keyboard and mouse, the Aero Mini PC delivers focused, dependable computing power exactly where you need it.



# 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     | 32 GB   |
| SSD Storage     | 512 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 | FreeDOS |
|------------------|---------|

## Ordering Information

### PRODUCT CODE

**Aero-cu5\_14L-[RAM]-[SSD]-12\_5-[Wireless]-[OS]-[Accessories]**

|             |                                                                                                 |                                                                                    |                         |                                             |
|-------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------|---------------------------------------------|
| RAM         | <b>8_5</b> = 8GB DDR5<br><br><b>16_5_16_5</b> = 32GB DDR5 RAM (2 x 16GB)                        | <b>16_5</b> = 16GB DDR5                                                            | <b>32_5</b> = 32GB DDR5 | <b>32_5_32_5</b> = 64GB DDR5 RAM (2 x 32GB) |
| SSD         | <b>m128</b> = 128GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB      | <b>m256</b> = 256GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB                   |                         |                                             |
| 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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