



# 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

## 256GB SSD

## Dual Band WiFi

## Thinix Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-CU5\_14L-16\_5-S256-12\_5-M-THINUX-KM



Unleash big performance from an incredibly compact footprint.

The Thinvent® Aero Mini PC is the ultimate space-saving solution for modern business environments. Engineered for reliability and ease of use, it delivers seamless operation day in, day out.

### Built for Business

- Experience smooth multitasking and rapid application response for point-of-sale, digital signage, and office productivity.
- Its robust steel construction ensures dependable operation in demanding settings like retail kiosks, reception desks, and light industrial control panels.
- Dual Ethernet ports provide essential network redundancy and flexibility for secure, wired connections.

### Ready to Work Right Out of the Box

- Comes complete with a keyboard and mouse set for immediate setup.
- The integrated Thinix™ operating system offers a secure, stable platform with essential business software pre-installed, from office suites to advanced remote management tools.
- Connect all your essential peripherals with abundant front and rear USB ports, plus HDMI and VGA for maximum display compatibility.

Simplify your IT infrastructure with a powerful, plug-and-play computing hub that saves space without compromising on capability. The Aero Mini PC is the smart, streamlined choice for a focused digital workspace.



## 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     | 256 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                             |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 |

### 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 | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                   |
| OS Features      | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |

Cable Length

2 Metre

## 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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