



# Thinvent Aero Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: AERO-I5\_13-64-M512-12\_5-M-11V-0



### Powerhouse Performance, Palm-Sized Perfection: Unleash Your Potential.

Discover the Thinvent® Aero Mini PC, engineered for efficiency and performance in a remarkably compact design. Powered by the cutting-edge Intel® Core™ i5-1335U processor, featuring 10 cores and reaching speeds up to 4.6 GHz with 12 MB of cache, this mini PC delivers seamless multitasking and rapid responsiveness for demanding applications.

Experience lightning-fast boot times and ample storage with its spacious 1TB SSD, paired with 8GB DDR4 RAM for smooth operation across all your tasks. Equipped with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Aero Mini PC offers enhanced security and long-term stability, ideal for professional and embedded solutions.

### Connectivity At Your Fingertips

- Dual display support with HDMI and VGA ports
- Comprehensive audio options including front and rear speaker/mic jacks
- Abundant USB ports: 2x USB 3.2, 2x USB 2.0, 4x front USB 2.0, and a convenient front USB-C port
- Blazing-fast networking with Gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac)

Designed for reliability, its robust steel and ABS plastic housing is powder-coated in sleek black, measuring just 198mm x 187mm x 40mm. With BIS, RoHS, and ISO certifications, the Thinvent® Aero Mini PC is a testament to quality, offering powerful performance in a footprint that saves valuable desk space.



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 64 GB   |
| SSD Storage     | 512 GB  |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 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 |

### NETWORKING

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|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| 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 |
| 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 | 1.51kg, 1.51kg        |

### OPERATING SYSTEM

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|                  |   |
|------------------|---|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

## Ordering Information

| PRODUCT CODE   |  |                     |  |                       |
|--|--|---------------------|--|-----------------------|
| <b>Aero-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |                     |  |                       |
| RAM  | <b>4</b> = 4GB DDR4                    | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4                  | <b>32</b> = 32GB DDR4 |
|  | <b>64</b> = 64GB DDR4                  |                     |  |                       |
| SSD  | <b>m128</b> = 128GB                    |                     | <b>m256</b> = 256GB                    |                       |
|  | <b>m32</b> = 32GB                      |                     | <b>m512</b> = 512GB                    |                       |
|  | <b>m1024</b> = 1TB                     |                     | <b>S32</b> = 32GB MLC                  |                       |
|  | <b>S128</b> = 128GB                    |                     | <b>S256</b> = 256GB                    |                       |
| Wireless   | <b>m</b> = Dual Band WiFi              |                     | <b>X</b> = No WiFi                     |                       |
| OS   | <b>DOS</b> = DOS                       |                     | <b>W_OS</b> = Without OS               |                       |
|  | <b>11V</b> = Windows 11 IoT Value      |                     | <b>11P</b> = Windows 11 Pro            |                       |
|  | <b>Thinix</b> = Thinix™ Embedded Linux |                     | <b>U</b> = Ubuntu Linux                |                       |
| Accessories  | <b>0</b> = None                        |                     | <b>KM</b> = Keyboard and Mouse set     |                       |
|  | <b>MK</b> = Mechanical Keyboard        |                     | <b>Mo</b> = Wired Optical Scroll Mouse |                       |

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