



# Thinvent Aero Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

No WiFi

Ubuntu Linux

SKU: AERO-I5\_13-8-M2048-12\_7-X-U-0



Unleash Mighty Performance in a Mini Footprint.

Experience robust computing power in a sleek, space-saving design with the Thinvent® Aero Mini PC. Engineered for efficiency and reliability, this mini marvel is perfect for business, education, or dedicated workstation needs.

### Performance At Its Core

At its core lies the Intel® Core™ i5-1335U processor, boasting 10 cores and reaching speeds up to 4.6 GHz, coupled with 12 MB cache for seamless multitasking and rapid data processing. Paired with 8GB DDR4 RAM, you'll enjoy smooth application performance, while the 32GB MLC SSD ensures lightning-fast boot times and quick access to your essential files, offering superior durability over standard SSDs.

### Operating System and Connectivity

**Pre-installed with Ubuntu Linux 24.04 LTS, the Aero Mini PC provides a secure, stable, and highly customizable open-source environment, ready for productivity right out of the box. Its dedicated Gigabit Ethernet connection offers unwavering network stability and speed, ideal for critical operations where reliability is paramount. Versatile connectivity includes a rich array of ports**

- HDMI: 1
- VGA: 1
- Speaker Out: 1
- Mic In: 1
- Front Speaker Out: 1
- Front Mic In: 1
- USB 3.2: 2
- USB 2.0: 2
- Front USB 2.0: 4
- Front USB C: 1
- Ethernet: 1000 Mbps

### Design and Reliability

Housed in a durable, powder-coated steel and ABS plastic black chassis, measuring a mere 198mm × 187mm × 40mm, it fits unobtrusively into any setup. Its efficient 12V 7A adapter with a wide 100~275V AC input ensures stable power across various environments. Backed by BIS, RoHS, and ISO certifications, the Aero Mini PC delivers quality and peace of mind.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 2048 GB |

### DISPLAY

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

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 1.61kg, 1.61kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

Aero-i5\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                               |                                               |                                         |                       |
|-------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                           | <b>8</b> = 8GB DDR4                           | <b>16</b> = 16GB DDR4                   | <b>32</b> = 32GB DDR4 |
|             | <b>32_32</b> = 64GB<br>DDR4 RAM (2 x<br>32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x<br>16GB) | <b>8_8</b> = 16GB DDR4<br>RAM (2 x 8GB) |                       |
| SSD         | <b>m128</b> = 128GB                           | <b>m256</b> = 256GB                           | <b>m1024</b> = 1TB                      |                       |
|             | <b>m512</b> = 512GB                           | <b>S32</b> = 32GB MLC                         | <b>S256</b> = 256GB                     |                       |
| Wireless    | <b>m2048</b> = 2TB                            |                                               |                                         |                       |
|             | <b>S128</b> = 128GB                           |                                               |                                         |                       |
| OS          | <b>m</b> = Dual Band WiFi                     | <b>X</b> = No WiFi                            |                                         |                       |
|             | <b>DOS</b> = DOS                              | <b>W_OS</b> = Without OS                      |                                         |                       |
|             | <b>11V</b> = Windows 11 IoT Value             | <b>11P</b> = Windows 11 Pro                   |                                         |                       |
|             | <b>110</b> = Windows 11 Professional          | <b>Thinix</b> = Thinix™ Embedded Linux        |                                         |                       |
| Accessories | <b>U</b> = Ubuntu Linux                       |                                               |                                         |                       |
|             | <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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