



# 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)

128GB SSD

No WiFi

Without OS

SKU: AERO-I5\_13-8\_8-M128-12\_5-X-W\_OS-0



Unleash immense power in a remarkably small footprint.

### Introduction

The Thinvent® Aero Mini PC redefines compact computing, packing a desktop-grade punch into a sleek, space-saving design perfect for demanding professionals and specialized applications.

### Performance Unrivaled

Powered by an Intel® Core™ i5-1335U processor with 10 cores and a blistering 4.6 GHz max frequency (12 MB cache), experience unparalleled speed and responsiveness for intensive multitasking, data analysis, and content creation. Coupled with a generous 16GB DDR4 RAM, you'll navigate complex workflows with effortless fluidity. The lightning-fast 1TB SSD ensures near-instant boot times and rapid application loading, giving you more time for productivity and less time waiting.

### Versatile Connectivity

Despite its tiny 198mm × 187mm × 40mm dimensions, the Aero Mini PC offers robust connectivity. Support dual displays with dedicated HDMI and VGA ports. Connect all your essential peripherals via two USB 3.2, two USB 2.0, and four front USB 2.0 ports, plus a convenient front USB C. Enjoy stable, high-speed wired networking with its built-in 1000 Mbps Ethernet. For audio, it includes a speaker out, mic in, and additional front speaker out and front mic in ports.

### Engineered for Specific Needs

This model is engineered for environments prioritizing security and specific OS requirements. It comes without an operating system, providing the freedom to install your preferred Linux distribution, Windows version, or specialized industrial OS. The absence of built-in WiFi ensures a secure, wired network environment. Its durable, powder-coated black steel and ABS plastic housing guarantees longevity and a professional aesthetic. Powered by a reliable 12V 7A adapter with a 2-metre cable, it accepts a wide 100~275 Volts AC input (50~60 Hz, 1.5 Amps maximum).

### Guaranteed Quality

Operate confidently within temperatures from 0°C to 35°C and 20% to 80% RH, non-condensing. Rest assured with quality certifications including BIS, RoHS, and ISO, confirming its adherence to stringent standards.



# 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     | 128 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   | 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 | 1.51kg, 1.51kg        |

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## 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 32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4<br>RAM (2 x 8GB) |                       |
| SSD         | <b>m128</b> = 128GB                        |                                            | <b>m256</b> = 256GB                     |                       |
|             | <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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