



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 8GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: AERO-I3\_13-8-S128-12\_5-M-11V-0



Unleash Big Performance in a Tiny Footprint.

### Overview

Experience the perfect blend of power, reliability, and compact design with the Thinvent® Aero Mini PC.

### Unrivalled Performance

Engineered for efficiency, its Intel® Core™ i3-1315U processor boasts 6 cores with speeds up to 4.5 GHz and a 10 MB cache, delivering lightning-fast responsiveness for demanding tasks and seamless multitasking. Coupled with 4GB DDR4 RAM and a rapid 32GB MLC SSD, expect instant boot-ups and swift application loading, ensuring peak productivity.

### Extensive Connectivity

Connect with confidence through a comprehensive suite of ports. Enjoy versatile display options with 1 HDMI and 1 VGA. Audio is covered with 1 Speaker Out, 1 Mic In, plus convenient front audio ports. Expand your peripherals with 2 USB 3.2, 2 USB 2.0, 4 front USB 2.0, and a modern front USB C port. Stay connected with a blazing 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for robust wireless performance.

### Robust Design & Reliability

Designed for diverse environments, the Aero Mini PC operates reliably from 0°C to 35°C and 20% to 80% RH non-condensing, with a robust steel and ABS plastic housing featuring a powder-coated black finish. Measuring just 198mm x 187mm x 40mm, it fits anywhere, while BIS, RoHS, and ISO certifications guarantee quality. Powering it is an energy-efficient 12V 7A adapter with wide 100~275V AC input and a 2-metre cable.

### Optimized Operating System

Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, this Mini PC offers a secure, stable, and optimized platform for embedded and commercial applications, providing long-term support and reliability.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 8 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | 1.52kg, 1.52kg        |

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**Aero-i3\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|             |                                                                                                 |                                                                                    |                                                               |                       |
|-------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)                                  | <b>8</b> = 8GB DDR4<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)                     | <b>16</b> = 16GB DDR4<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) | <b>32</b> = 32GB DDR4 |
| 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       |                                                               |                       |

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

### R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

### Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

