



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 32GB DDR4 RAM (2 x 16GB)

## 512GB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I3\_13-16\_16-M512-12\_7-X-U-KM



Unleash Compact Power: The Thinvent® Aero Mini PC.

Experience a powerful yet incredibly compact computing solution designed for efficiency and versatility. The Thinvent® Aero Mini PC, powered by an Intel® Core™ i3-1315U processor, delivers impressive performance for your everyday tasks.

### Key Performance Highlights

- Processor Power: Featuring a 6-core processor with a max frequency of 4.5 GHz and a 10 MB cache, this Mini PC handles multitasking with ease.
- Memory and Storage: With a generous 32 GB of DDR4 RAM and a rapid 512 GB SSD, enjoy swift boot times and seamless application loading.

### Connectivity and Expansion

- Display Options: Connect to your monitors with 1 HDMI and 1 VGA port.
- Peripheral Support: Access a range of devices with 2 USB 3.2 ports and multiple USB 2.0 ports, including 4 on the front and a front USB C for convenient front access.

- Network Speed: Experience lightning-fast internet with the integrated 1000 Mbps Ethernet port.
- Audio: Enjoy clear audio with dedicated speaker out and mic in ports, including front options.

### Built for Reliability and Ease of Use

- Robust Design: Encased in durable steel and ABS plastic with a sleek black powder-coated finish, this PC is built to last.
- Ready to Go: Comes pre-installed with the latest Ubuntu Linux 24.04 LTS and includes a Thinvent® Keyboard and Mouse set, so you can start computing immediately.
- Efficient Power: Operates on a 12V 7A adapter (100~275 Volts AC input) and maintains optimal performance within a 0°C ~ 35°C operating temperature range.
- Compact Footprint: Its dimensions of 198mm × 187mm × 40mm make it ideal for any workspace.
- Certified Quality: Meets BIS, RoHS, and ISO certifications for peace of mind.



# 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     | 32 GB   |
| SSD Storage     | 512 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 | 2.13kg, 2.13kg        |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

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

## RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32\_32 = 64GB  
DDR4 RAM (2 x  
32GB)16\_16 = 32GB  
DDR4 RAM (2 x  
16GB)8\_8 = 16GB DDR4  
RAM (2 x 8GB)

## SSD

m128 = 128GB

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

Thinix = Thinix™ Embedded Linux

W\_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

## Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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