



# 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)

256GB SSD

No WiFi

Without OS

SKU: AERO-I3\_13-16\_16-M256-12\_7-X-W\_OS-0



Thinvent® Aero Mini PC: Powerhouse Performance, Compact Design, Unrivalled Flexibility.

Experience desktop-level power in a sleek, space-saving form factor with the Thinvent® Aero Mini PC. Engineered for professionals and enthusiasts who demand uncompromising performance and reliability, this mini PC redefines efficiency, ready for your custom operating system.

### Unleash Blazing Performance

- Powered by the 13th Gen Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz with a 10 MB cache, for seamless multitasking and demanding applications.
- Multitask effortlessly with a massive 64GB DDR4 RAM, ensuring silky-smooth operation even under heavy workloads.
- Benefit from lightning-fast boot times and rapid data access thanks to the 256GB SSD.

### Robust Connectivity & Expansion

- Connect all your peripherals with an abundance of ports:

- 2x USB 3.2, 2x USB 2.0 (rear), 4x USB 2.0 (front), 1x Front USB C for unparalleled versatility.

- Dual display support with 1x HDMI and 1x VGA.

- Dedicated audio with 1x Speaker Out, 1x Mic In, 1x Front Speaker Out, 1x Front Mic In.

- Secure, high-speed networking via a 1000 Mbps Ethernet port – ideal for environments prioritizing wired stability, without built-in WiFi.

### Designed for Durability & Adaptability

- Its ultra-compact 198mm × 187mm × 40mm dimensions hide a robust steel and ABS plastic housing with a sleek powder-coated black finish.
- Operated by a reliable 12V 7A adapter, with wide input power compatibility (100~275V AC) and a 2-meter cable.
- Ready for your custom setup, this unit comes Without OS, giving you complete freedom to install your preferred operating system.
- Certified for quality and environmental standards including BIS, RoHS, and ISO, operating reliably between 0°C and 35°C.



## 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     | 256 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 | Without OS |
|------------------|------------|

## 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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