



# 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)

32GB MLC SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I3\_13-16\_16-S32-12\_5-M-U-0



## Powerhouse Performance, Palm-Sized Perfection.

Unleash efficiency and reliability with the Thinvent® Aero Mini PC. Engineered for demanding tasks in a compact form factor, this mini PC redefines professional computing, delivering robust performance without compromise.

### Core Performance

Experience seamless multitasking and rapid processing thanks to the Intel® Core™ i3-1315U processor.

- With 6 cores and a boost frequency of up to 4.5 GHz, tackle complex applications with ease.
- A generous 10 MB cache ensures quick data access for enhanced productivity.
- 8GB DDR4 RAM provides smooth operation, even under heavy workloads.
- Boot up instantly and load applications in a flash with the responsive 128GB SSD.

### Connectivity & Networking

Stay connected and expand your workspace effortlessly with extensive port options.

- Enjoy versatile display capabilities with 1 HDMI and 1 VGA port.

- Connect all your peripherals with 2 USB 3.2, 2 USB 2.0, 4 convenient front USB 2.0 ports, and a front USB C port.
- Crystal-clear audio is assured with dedicated speaker out and mic in ports, both front and rear.
- Experience ultra-fast internet with 1000 Mbps Ethernet and reliable dual-band Wi-Fi 5 (802.11ac).

### Operating System & Design

Pre-installed with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and open-source computing environment tailored for efficiency.

- Its ultra-compact dimensions of 198mm × 187mm × 40mm make it perfect for any space-constrained setup.
- The durable steel and ABS plastic housing, finished in sleek powder-coated black, ensures longevity and a professional aesthetic.
- Designed for continuous operation, it comes with a robust 12V 7A adapter and boasts 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     | 32 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 | 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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