



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3\_13-8\_8-M1024-12\_5-M-THINUX-KM



## Unleash Productivity in a Compact Powerhouse

The Thinvent® Aero Mini PC is engineered for efficiency, blending powerful performance with an incredibly small footprint. Powered by the latest Intel® Core™ i3-1315U processor, this mini PC boasts 6 cores and can reach speeds of up to 4.5 GHz, all within a 10 MB cache. Experience lightning-fast multitasking and seamless operation with a massive 64GB of DDR4 RAM, complemented by a swift 256GB SSD for rapid boot times and application loading.

### Key Performance Features

- 6 Cores for robust multitasking
- Up to 4.5 GHz max frequency for speed
- 10 MB cache for efficient data access
- 64 GB DDR4 RAM for seamless operation
- 256 GB SSD for quick storage access
- 

### Connectivity and Versatility

This compact device offers a comprehensive suite of ports, including HDMI and VGA for dual display support, multiple USB ports (including front USB 2.0 and USB C), and a 1000 Mbps Ethernet port for reliable wired networking. Stay connected wirelessly with dual-band Wi-Fi 5 (802.11ac).

### Intuitive and Secure Operating System

Experience the streamlined efficiency of Thinvent® Thinux™ Embedded Linux. This optimized OS is pre-loaded with Chromium and Mozilla Firefox for browsing, robust remote access tools like RDP 10 and SSH, and support for Java and Python applications. Enjoy a full productivity suite with LibreOffice and a PDF viewer, plus a multimedia player.

### Designed for Modern Workspaces

The Thinvent® Aero Mini PC features a durable, powder-coated steel and ABS plastic housing in a sleek black finish. Its compact dimensions (198mm × 187mm × 40mm) make it ideal for any desk setup. This all-in-one solution includes a Thinvent® Keyboard and Mouse set, ready to power on and get to work. With certifications like BIS, RoHS, and ISO, you can trust in its quality and compliance.

### Included Peripherals and Specifications

- 1x Keyboard and Mouse set
- 12V 7A Adapter with a 2-meter cable
- Operating Temperature: 0°C ~ 35°C
- Operating Humidity: 20% ~ 80% RH, non condensing



# 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     | 16 GB   |
| SSD Storage     | 1024 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 | 2.04kg, 2.04kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |                                                                                                                                                                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                   |
| OS Features      | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |

## 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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