



# 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

DOS

SKU: AERO-I3\_13-16\_16-S256-12\_5-X-DOS-0



Thinvent® Aero Mini PC: Compact Power, Unleashed Potential.

Experience robust performance in a miniature footprint with the Thinvent® Aero Mini PC. Engineered for efficiency, this compact powerhouse features the Intel® Core™ i3-1315U processor, boasting 6 cores and speeds up to 4.5 GHz with 10 MB cache, ensuring smooth multitasking and responsive applications. With 16GB DDR4 RAM and a rapid 128GB SSD, boot times are instant and data access is lightning-fast, elevating your productivity.

### Designed for secure and specialized environments

- Ready for your preferred operating system with FreeDOS pre-installed, offering complete customization.
- Focus on stable wired connectivity with integrated 1000 Mbps Ethernet, making it ideal for POS systems, kiosks, industrial controls, or dedicated server applications where wireless connectivity is undesirable.

### Comprehensive connectivity for any setup

- Visuals: 1x HDMI, 1x VGA for versatile dual display configurations.
- USB ports: 2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C for all your peripherals.
- Audio: Dedicated Speaker Out and Mic In ports, both front and rear.

Housed in durable, powder-coated steel and ABS plastic, this black mini PC measures just 198mm × 187mm × 40mm, fitting seamlessly into any workspace. It operates reliably within 0°C ~ 35°C and is BIS, RoHS, and ISO certified, guaranteeing quality and compliance. Power is delivered via a robust 12V 7A adapter with a generous 2-meter cable. Unlock tailored performance for your most critical needs.



# 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     | 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   | 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 | FreeDOS |
|------------------|---------|

## 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[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

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