



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Thinix Embedded Linux

SKU: AERO-I3\_13-16-S128-12\_5-M-THINUX-0



Experience Unrivalled Power in a Compact Form Factor.

The Thinvent® Aero Mini PC redefines efficiency, delivering robust performance in an incredibly small footprint. Designed for demanding environments and modern workflows, this powerhouse combines cutting-edge hardware with a secure, feature-rich operating system.

### Performance That Packs a Punch

- Powered by the Intel® Core™ i3-1315U processor with 6 cores and up to 4.5 GHz, ensuring seamless multitasking and rapid application execution.
- Equip your tasks with a colossal 64GB DDR4 RAM for fluid operation and a lightning-fast 512GB SSD for instant boot-ups and ample storage.

### Unmatched Connectivity & Versatility

- Dual display support with HDMI and VGA ports for expanded visual workspaces.
- Eight USB ports, including high-speed USB 3.2 and a convenient front USB-C, for comprehensive peripheral connectivity.
- Stay connected with blazing 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for reliable networking.
- Comprehensive audio options with dedicated speaker and microphone inputs, both front and rear.

**Thinvent® Thinix™ Embedded Linux: Your Secure Foundation**

- Optimized for security and efficiency, offering pre-loaded essentials right out of the box.
- Browse securely with integrated Chromium and Mozilla Firefox browsers.
- Seamless remote access and management via RDP 10 (with RemoteFX, H.264/AVC), SSH, Putty, browser-based tools, and VNC shadowing.
- Productivity suite includes LibreOffice and a PDF viewer for daily tasks.
- Enjoy multimedia with MPEG4 support and communicate effectively with SIP video and voice over IP capabilities.
- Supports Java, Python, and glibc-based applications for specialized development.

### Robust Design for Reliability

- Built with durable steel and ABS plastic, featuring a sleek, powder-coated black finish.
- Certified by BIS, RoHS, and ISO, guaranteeing quality, safety, and environmental compliance.
- Operates reliably in temperatures from 0°C to 35°C, designed for continuous performance in varied settings.
- Compact dimensions of 198mm × 187mm × 40mm ensure it fits discreetly into any workspace.



# 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     | 128 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 | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                                                  |
| OS Features      | <p>Chromium and Mozilla Firefox browsers.</p> <p>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.</p> <p>Browser based remote management. VNC shadowing.</p> <p>Java, Python and glibc based location application support.</p> <p>LibreOffice and PDF viewer.</p> <p>Multimedia player with MPEG4 support.</p> <p>SIP video and voice over IP.</p> |

## 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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