



# 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

## Thinvent Keyboard and Mouse set

SKU: AERO-I3\_13-16-S128-12\_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® Thinix™ 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 x 187mm x 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



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| 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

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|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

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|                   |   |
|-------------------|---|
| Speaker Out       | 1 |
| Mic In            | 1 |
| Front Speaker Out | 1 |
| Front Mic In      | 1 |

### CONNECTIVITY

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|               |   |
|---------------|---|
| USB 3.2       | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 4 |
| Front USB C   | 1 |

### NETWORKING

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|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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

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

### OPERATING SYSTEM

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|                  |  |
|------------------|--|
| 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   |  |                     |  |                       |
|--|--|---------------------|--|-----------------------|
| <b>Aero-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |                     |  |                       |
| RAM  | <b>4</b> = 4GB DDR4                    | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4                  | <b>32</b> = 32GB DDR4 |
|  | <b>64</b> = 64GB DDR4                  |                     |  |                       |
| SSD  | <b>m128</b> = 128GB                    |                     | <b>m256</b> = 256GB                    |                       |
|  | <b>m32</b> = 32GB                      |                     | <b>m512</b> = 512GB                    |                       |
|  | <b>m1024</b> = 1TB                     |                     | <b>S32</b> = 32GB MLC                  |                       |
|  | <b>S128</b> = 128GB                    |                     | <b>S256</b> = 256GB                    |                       |
| Wireless   | <b>m</b> = Dual Band WiFi              |                     | <b>X</b> = No WiFi                     |                       |
| OS   | <b>DOS</b> = DOS                       |                     | <b>W_OS</b> = Without OS               |                       |
|  | <b>11V</b> = Windows 11 IoT Value      |                     | <b>11P</b> = Windows 11 Pro            |                       |
|  | <b>Thinix</b> = Thinix™ Embedded Linux |                     | <b>U</b> = Ubuntu Linux                |                       |
| Accessories  | <b>0</b> = None                        |                     | <b>KM</b> = Keyboard and Mouse set     |                       |
|  | <b>MK</b> = Mechanical Keyboard        |                     | <b>Mo</b> = Wired Optical Scroll Mouse |                       |

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