



# Thinvent Aero Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 32GB DDR4 RAM (2 x 16GB)

## 1TB SSD

## Dual Band WiFi

## Thinux Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_13-16\_16-M1024-12\_5-M-THINUX-KM



## Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC: your gateway to seamless computing and efficient operations. This ultra-compact device packs a serious punch, powered by the Intel® Core™ i5-1335U processor, boasting 10 cores, a lightning-fast 4.6 GHz max frequency, and a 12 MB cache for unparalleled performance.

### Unrivalled Performance and Storage

- Experience fluid multitasking and rapid application loading with a massive 32GB DDR4 RAM.
- Store your essential files and applications with speed and ample space on the 512GB SSD.

### Versatile Connectivity

- Connect to any display with HDMI and VGA outputs.
- Enjoy a range of peripherals with multiple USB 3.2 and USB 2.0 ports, including front-facing USB 2.0 and a convenient USB C port.
- High-speed 1000 Mbps Ethernet ensures stable network connections.
- Dual Band WiFi provides flexible wireless connectivity.

### Intelligent and Secure Operating System

- The Thinvent® Aero runs on Thinux™ Embedded Linux, a secure and efficient operating system designed for business.
- Access the web with Chromium and Mozilla Firefox browsers.

- Effortlessly manage remote desktops with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH support.
- Enjoy browser-based remote management and VNC shadowing for ultimate control.
- Supports Java, Python, and glibc for location-based applications.
- Work efficiently with LibreOffice and a PDF viewer.
- Enjoy your media with the multimedia player featuring MPEG4 support.
- Communicate with ease using SIP video and voice over IP.

### Designed for Efficiency

- Its sleek, powder-coated black housing (198mm × 187mm × 40mm) blends seamlessly into any workspace.
- The included Thinvent® Keyboard and Mouse set provides an immediate out-of-the-box experience.
- Reliable 12V 7A power adapter for stable operation.
- Built to last with robust steel and ABS plastic construction.

### Certifications

- BIS, RoHS, ISO certified for peace of mind.
- Designed for optimal operation within a 0°C ~ 35°C temperature range and 20% ~ 80% RH humidity.





# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 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 | 2.03kg, 2.03kg        |

### 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-i5\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|             |                                         |                                         |                                        |                       |
|-------------|-----------------------------------------|-----------------------------------------|----------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                     | <b>8</b> = 8GB DDR4                     | <b>16</b> = 16GB DDR4                  | <b>32</b> = 32GB DDR4 |
|             | <b>32_32</b> = 64GB DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)   |                       |
| SSD         | <b>m128</b> = 128GB                     |                                         | <b>m256</b> = 256GB                    |                       |
|             | <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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