



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3\_12-32\_32-M128-12\_7-X-THINUX-KM



## Unleash Productivity with the Powerhouse Thinvent® Aero Mini PC

Experience seamless performance and efficient operations with the Thinvent® Aero Mini PC. Engineered for modern workspaces, this compact powerhouse leverages the Intel® Core™ i3-1215U processor with 6 cores and up to 4.4 GHz to tackle demanding tasks with ease. Its robust 4GB DDR4 RAM and lightning-fast 32GB MLC SSD ensure swift boot times and rapid application loading, making every interaction smooth and responsive.

### Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Core, up to 4.4 GHz, 10 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 32 GB MLC SSD
- Connectivity: 1x HDMI, 1x VGA, 2x USB 3.2, 2x USB 2.0, 1x Front USB C, 4x Front USB 2.0, 1x 1000 Mbps Ethernet, 1x Speaker Out, 1x Mic In, 1x Front Speaker Out, 1x Front Mic In.
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Thinvent® Thinux™ Embedded Linux

Designed for efficiency and versatility, the Thinvent® Aero Mini PC comes pre-loaded with Thinux™ Embedded Linux, offering a secure and optimized environment. Enjoy web browsing with Chromium and Mozilla Firefox, and seamlessly connect to remote desktops with RDP 10, Putty, and SSH. Its browser-based remote management and VNC shadowing simplify IT administration.

This compact PC supports essential applications like LibreOffice and PDF viewers, and even includes a multimedia player with MPEG4 support. The included Thinvent® Keyboard and Mouse set provides a complete plug-and-play solution, ready to enhance your digital workflow. Its durable steel and ABS plastic housing, finished in a sleek powder-coated black, is built to last.

### Certifications

- BIS, RoHS, ISO

### Dimensions

- 198mm × 187mm × 40mm

Ideal for various environments from offices to educational institutions, the Thinvent® Aero Mini PC offers a reliable and high-performing computing solution without the bulk.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 64 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 |
| RS485 Option  | 1 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 2.20kg, 2.20kg        |

### 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\_12-[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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