



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3\_12-8\_8-M128-12\_7-X-U-KM



Unleash Your Productivity: The Compact Powerhouse.

Introducing the Thinvent® Aero Mini PC, engineered for seamless multitasking and efficient performance in a remarkably small footprint. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores that reach up to 4.4 GHz with 10 MB of cache, this mini PC handles demanding tasks with ease. Experience lightning-fast responsiveness and smooth operation thanks to 32GB of DDR4 RAM and a spacious 512GB SSD for rapid boot times and ample storage.

### Complete Connectivity

- A comprehensive array of ports ensures you can connect all your peripherals: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, 4 Front USB 2.0, and 1 Front USB C.
- Integrated audio solutions include Speaker Out, Mic In, and Front Speaker Out and Front Mic In for clear communication.

- Enjoy robust wired networking with 1000 Mbps Ethernet.

### Designed for Reliability and Simplicity

- This package includes the Thinvent® Keyboard and Mouse set, providing an instant, user-friendly setup.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a stable and versatile operating system.
- The robust steel and ABS plastic housing in a sleek black finish is built to last, measuring a compact 198mm x 187mm x 40mm.
- Operates efficiently with a 12V 7A adapter and supports a wide AC input range (100~275 Volts).
- Certified for quality and safety with BIS, RoHS, and ISO standards.



# 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     | 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 |
| 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## Ordering Information

## PRODUCT CODE

Aero-i3\_12-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                                                                                 |                                                                                    |                                                               |                       |
|-------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)                                  | <b>8</b> = 8GB DDR4<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)                     | <b>16</b> = 16GB DDR4<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) | <b>32</b> = 32GB DDR4 |
| SSD         | <b>m128</b> = 128GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB      | <b>m256</b> = 256GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB                   |                                                               |                       |
| Wireless    | <b>m</b> = Dual Band WiFi                                                                       | <b>X</b> = No WiFi                                                                 |                                                               |                       |
| OS          | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinix</b> = Thinix™ Embedded Linux | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux |                                                               |                       |
| Accessories | <b>0</b> = None<br><b>MK</b> = Mechanical Keyboard                                              | <b>KM</b> = Keyboard and Mouse set<br><b>Mo</b> = Wired Optical Scroll Mouse       |                                                               |                       |

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