



# Thinvent Aero Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 32GB DDR4 RAM

## 2TB SSD

## No WiFi

## Windows 11 IoT Value

SKU: AERO-I5\_13-32-M2048-12\_7-X-11V-0



Unleash Unrivalled Performance in a Compact Powerhouse.

Experience the Thinvent® Aero Mini PC, engineered for demanding industrial and enterprise applications. Powered by the Intel® Core™ i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz with a 12 MB cache, this mini PC delivers exceptional multi-tasking and processing power. Paired with a colossal 64GB DDR4 RAM, it effortlessly handles complex tasks and intensive workloads, while the 128GB SSD ensures lightning-fast boot-ups and application loading.

### Built for Reliability and Connectivity

- Enjoy secure, stable operations with wired Gigabit Ethernet, ideal for environments where wireless connectivity is undesirable or restricted, ensuring uninterrupted data flow.
- Leverage the specialized Microsoft Windows 11 IoT Enterprise LTSC 2024 Value operating system, providing long-term support and tailored features for embedded and industrial use cases.

- Connect with confidence using a comprehensive array of ports including 1x HDMI, 1x VGA, 2x USB 3.2, 6x USB 2.0 (4 front), 1x front USB-C, and dedicated audio ports for speaker out and mic in, ensuring compatibility with all your peripherals.
- Benefit from a robust power supply, featuring a 12V 7A adapter for consistent performance across diverse AC inputs (100~275V).

### Designed for Tough Environments

- Its compact 198mm × 187mm × 40mm dimensions make it perfect for space-constrained installations, such as kiosks or control cabinets.
- The durable steel and ABS plastic housing with a powder-coated black finish ensures longevity and a professional appearance.
- Operate reliably within 0°C to 35°C, backed by BIS, RoHS, and ISO certifications for quality and environmental compliance.



## 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     | 2048 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 |
|----------|-----------|

### 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 | 1.61kg, 1.61kg        |

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

Aero-i5\_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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W\_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

## Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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