



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

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

## 1TB SSD

## Dual Band WiFi

## Without OS

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12-16\_16-M1024-12\_5-M-W\_OS-KM



## Unleash Peak Performance in a Compact Powerhouse

### The Thinvent® Aero Mini PC

Experience unparalleled processing power and exceptional versatility in an ultra-compact design. This Mini PC is engineered for those who demand robust performance without compromising on space.

#### Key Specifications

- Processor: Intel® Core™ i5-1250P (12 Cores, up to 4.4 GHz, 12 MB Cache) delivers blazing-fast speeds for demanding tasks.
- Memory: A massive 64GB DDR4 RAM ensures seamless multitasking and smooth operation, even with multiple applications open.
- Storage: A rapid 128GB SSD provides quick boot times and lightning-fast data access.
- Connectivity: Featuring 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, and a front USB C port, it offers extensive peripheral support.
- Networking: Integrated Dual Band WiFi (Wi-Fi 5) for reliable, high-speed wireless connectivity.

- Audio: Dedicated speaker out and mic in ports, including front options for convenience.
- Power: Efficient 12V 7A adapter with a 2-meter cable for flexible placement.
- Robust Build: Constructed with durable Steel and ABS Plastic, powder-coated in sleek black, and measuring a mere 198mm × 187mm × 40mm.
- Included Peripherals: Comes bundled with a Thinvent® Keyboard and Mouse set for an immediate, ready-to-go setup.
- Flexibility: Sold without an operating system, allowing you to customize your software environment.
- Reliable Operation: Designed to perform optimally within a 0°C to 35°C operating temperature range and 20% to 80% humidity.
- Certifications: BIS, RoHS, and ISO certified for quality assurance and environmental compliance.

Elevate your productivity and entertainment with the Thinvent® Aero Mini PC.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 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 | 2.14kg, 2.14kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## Ordering Information

## PRODUCT CODE

Aero-i5\_12-[RAM]-[SSD]-12\_10-[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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