



# 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)

256GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: AERO-I5\_12-16\_16-S256-12\_5-M-11P-0



Thinvent® Aero Mini PC: Unleash mighty performance in a minimalist design.

Experience unparalleled power and efficiency with the Thinvent® Aero Mini PC. Engineered for demanding tasks and seamless multitasking, this compact powerhouse redefines what a small footprint can achieve. Perfect for professional environments, home offices, or media centers, it delivers robust performance without cluttering your space.

### Performance That Excels

At its core, the Intel® Core™ i5-1250P processor boasts an impressive 12 cores and reaches speeds up to 4.4 GHz, complemented by a 12 MB cache. This ensures lightning-fast responsiveness for applications, smooth productivity, and efficient handling of complex workloads. Coupled with 4GB DDR4 RAM and a rapid 128GB SSD, you'll enjoy quick boot times and swift data access.

### Seamless Connectivity & Versatility

Stay connected with integrated dual-band Wi-Fi 5 (802.11ac) and Gigabit Ethernet for blazing-fast network speeds. A comprehensive array of ports provides unmatched versatility

- Display Options: HDMI, VGA
- Audio Connections: Speaker Out, Mic In, Front Speaker Out, Front Mic In
- USB Power: 2 USB 3.2 ports, 2 USB 2.0 ports, 4 front USB 2.0 ports, 1 front USB C port
- Professional Grade: Windows 11 Pro ensures a secure and modern computing experience with advanced features.

### Compact, Durable, and Certified

Encased in a sleek, black powder-coated steel and ABS plastic housing, the Aero Mini PC is designed to be both discreet and resilient. Its ultra-compact dimensions (198mm × 187mm × 40mm) allow it to fit almost anywhere. Built for reliability, it operates seamlessly within 0°C to 35°C and 20% to 80% RH non-condensing, carrying essential BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance. Power it efficiently with its 12V 7A adapter, supporting a wide 100~275 Volts AC input range.



# 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     | 256 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 | 1.62kg, 1.62kg        |

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

### PRODUCT CODE

**Aero-i5\_12-[RAM]-[SSD]-12\_10-[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<br>DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4<br>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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