



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 4GB DDR4 RAM

## 1TB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12-4-M1024-12\_5-X-U-KM



### Unleash Your Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, engineered for efficient performance and incredible versatility. This compact marvel is your gateway to seamless multitasking, creative exploration, and essential computing, all within a sleek, space-saving design.

#### Key Performance Features

- Experience lightning-fast responsiveness with the Intel® Core™ i5-1250P processor, featuring 12 cores and a max frequency of 4.4 GHz for demanding tasks.
- Effortlessly manage multiple applications with 8GB of DDR4 RAM.
- Enjoy rapid boot times and swift data access with the 128GB SSD storage.

#### Connectivity and Convenience

- Connect your displays with ease via HDMI and VGA ports.
- Versatile USB connectivity includes 2x USB 3.2, 2x USB 2.0, and 4x Front USB 2.0, plus a convenient Front USB C port.

- Enjoy robust wired networking at 1000 Mbps with the integrated Ethernet port.
- Dedicated speaker out and microphone in ports, including front options, ensure clear audio communication.

#### Built for Reliability and Ease of Use

- Powered by a 12V 7A adapter, designed for energy efficiency.
- Pre-installed with Ubuntu Linux 24.04 LTS for a stable and customizable operating system experience.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- Crafted with a durable steel and ABS plastic housing in a sophisticated black finish.
- Compact dimensions of 198mm x 187mm x 40mm make it ideal for any workspace.

This Mini PC is designed for optimal operation within a 0°C ~ 35°C operating temperature range and 20% ~ 80% non-condensing humidity. With BIS, RoHS, and ISO certifications, you can trust in its quality and compliance.



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 4 GB    |
| SSD Storage     | 1024 GB |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

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|                   |   |
|-------------------|---|
| Speaker Out       | 1 |
| Mic In            | 1 |
| Front Speaker Out | 1 |
| Front Mic In      | 1 |

### CONNECTIVITY

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|               |   |
|---------------|---|
| USB 3.2       | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 4 |
| Front USB C   | 1 |

### NETWORKING

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

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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

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

### OPERATING SYSTEM

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|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## Ordering Information

| PRODUCT CODE   |  |
|--|--|
| <b>Aero-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |
| <b>RAM</b>   | <b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4<br><b>64</b> = 64GB DDR4   |
| <b>SSD</b>   | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><b>m1024</b> = 1TB <b>S32</b> = 32GB MLC<br><b>S128</b> = 128GB <b>S256</b> = 256GB      |
| <b>Wireless</b>  | <b>m</b> = Dual Band WiFi <b>X</b> = No WiFi   |
| <b>OS</b>  | <b>DOS</b> = DOS <b>W_OS</b> = Without OS<br><b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro<br><b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux |
| <b>Accessories</b>   | <b>0</b> = None <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse   |

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