



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 8GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: AERO-I5\_14-8-S256-12\_5-M-11V-0



### Compact Brilliance, Unrivalled Performance.

Experience the future of computing with the Thinvent® Aero Mini PC. Engineered for demanding tasks in a surprisingly small footprint, this powerhouse delivers exceptional speed and efficiency to elevate your productivity across any environment.

#### Unleash Peak Performance

- Driven by the Intel® Core™ 5 120U processor, featuring 10 cores and speeds up to 5.0 GHz with a 12 MB cache, the Aero Mini PC tackles intensive applications with effortless grace.
- Multitask without limits thanks to 32GB of high-speed DDR4 RAM, ensuring seamless operation even with resource-heavy programs.
- Enjoy lightning-fast boot-ups, rapid application loading, and instant data access from the spacious 512GB SSD.

#### Seamless Connectivity & Versatility

- Connect to multiple displays with dual HDMI and a VGA port for expansive, productive workspaces.
- Stay wirelessly connected with fast, dual-band Wi-Fi 5 (802.11ac) or leverage Gigabit Ethernet for robust wired speeds up to 1000 Mbps.

- A comprehensive array of 8 USB ports (including USB 3.0 and a front USB-C) ensures all your peripherals, old and new, are easily accommodated.
- Dedicated front and rear audio ports provide flexible input and output options.

#### Designed for Reliability

- Pre-installed with Windows 11 IoT Enterprise LTSC 2024 Value, offering a stable, secure, and long-term supported operating environment ideal for business and dedicated applications.
- Its ultra-compact 198x187x40mm steel and ABS chassis, powder-coated in professional black, ensures durability and a sleek aesthetic that fits seamlessly into any setup.
- Built to global industry standards with BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance.

The Thinvent® Aero Mini PC is your ultimate solution for powerful, durable, and space-saving computing.





# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |        |
|-----------------|--------|
| Generation      | 14th   |
| Series          | i5     |
| Processor Brand | Intel  |
| Processor Model | 120U   |
| Cores           | 10     |
| Max Frequency   | 5 GHz  |
| Cache           | 12 MB  |
| Main Memory     | 8 GB   |
| SSD Storage     | 256 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 2 |
| VGA  | 1 |

### AUDIO

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

### CONNECTIVITY

|               |   |
|---------------|---|
| USB 3.0       | 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 | 1.23kg, 1.23kg        |

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**Aero-i5\_14-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|             |                                                                                                 |                                                                                            |                       |                       |
|-------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4<br><b>64</b> = 64GB DDR4                                                    | <b>8</b> = 8GB DDR4                                                                        | <b>16</b> = 16GB DDR4 | <b>32</b> = 32GB DDR4 |
| SSD         | <b>m128</b> = 128GB<br><b>m32</b> = 32GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB           | <b>m256</b> = 256GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB |                       |                       |
| 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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