



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 4GB DDR4 RAM

## 32GB MLC SSD

## No WiFi

## Without OS

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_14-4-S32-12\_5-X-W\_OS-KM



### Unleash Your Productivity in a Compact Powerhouse

Thinvent® Aero Mini PC: Where performance meets portability, designed for your ultimate workflow.

Experience unparalleled responsiveness and seamless multitasking with the Intel® Core™ 5 120U processor, boasting a formidable 10 cores that reach up to an astounding 5.0 GHz for rapid task execution. Paired with 16GB of DDR4 RAM, this Mini PC handles demanding applications and heavy workloads with effortless grace. Store your essential files and applications swiftly on the 256GB SSD, ensuring quick boot times and rapid data access.

#### Connectivity Options

- Two HDMI ports for versatile dual-display setups.
- One VGA port for broader compatibility.
- Multiple USB ports, including USB 3.0 and convenient front-facing USB 2.0 and USB-C for easy peripheral connection.
- High-speed 1000 Mbps Ethernet for reliable network performance.
- Dedicated speaker out and mic in ports, with front-facing options for enhanced audio interaction.

Built for durability and style, the sleek black steel and ABS plastic housing is powder-coated for a premium finish. The included Thinvent® keyboard and mouse set provides an ergonomic and efficient input solution, ready for immediate use. This model comes without an operating system, offering you the flexibility to install your preferred OS and customize your computing environment. Power your productivity with the included 12V 7A adapter.

#### Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache)
- Memory: 16GB DDR4 RAM
- Storage: 256GB SSD
- Power Adapter: 12V 7A (100~275 Volts AC input)
- Certifications: BIS, RoHS, ISO
- Dimensions: 198mm × 187mm × 40mm
- Operating Environment: 0°C ~ 35°C, 20% ~ 80% RH (non-condensing)



## Specifications

### PROCESSING

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|                 |       |
|-----------------|-------|
| Generation      | 14th  |
| Series          | i5    |
| Processor Brand | Intel |
| Processor Model | 120U  |
| Cores           | 10    |
| Max Frequency   | 5 GHz |
| Cache           | 12 MB |
| Main Memory     | 4 GB  |
| SSD Storage     | 32 GB |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 2 |
| 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 3.0       | 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 | 1.74kg, 1.74kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

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

## Ordering Information

| PRODUCT CODE   |  |                     |  |                       |
|--|--|---------------------|--|-----------------------|
| <b>Aero-i5_14-[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 |
|  | <b>64</b> = 64GB DDR4                  |                     |  |                       |
| <b>SSD</b>   | <b>m128</b> = 128GB                    |                     | <b>m256</b> = 256GB                    |                       |
|  | <b>m32</b> = 32GB                      |                     | <b>m512</b> = 512GB                    |                       |
|  | <b>m1024</b> = 1TB                     |                     | <b>S32</b> = 32GB MLC                  |                       |
|  | <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               |                       |
|  | <b>11V</b> = Windows 11 IoT Value      |                     | <b>11P</b> = Windows 11 Pro            |                       |
|  | <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     |                       |
|  | <b>MK</b> = Mechanical Keyboard        |                     | <b>Mo</b> = Wired Optical Scroll Mouse |                       |

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