



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 32GB DDR4 RAM

## 2TB SSD

## No WiFi

## DOS

SKU: AERO-I5\_14-32-M2048-12\_7-X-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Experience the Thinvent® Aero Mini PC, a compact powerhouse engineered for peak productivity and reliability. Featuring the Intel® Core™ 5 12U processor, this mini PC redefines efficiency for demanding tasks in any environment.

### Core Performance

- Intel® Core™ 5 12U processor: 10 cores, up to 5.0 GHz, 12 MB cache for blazing-fast processing.
- Ample Memory: 16GB DDR4 RAM ensures smooth multitasking.
- Swift Storage: 128GB SSD for rapid boot times and quick application loading.

### Robust Connectivity

- Dual Display Support: 2 HDMI ports and 1 VGA port for versatile multi-monitor setups.
- Extensive USB Options: 2x USB 3.0, 2x USB 2.0 (rear), 4x Front USB 2.0, and 1x Front USB-C for all your peripherals.
- Dedicated Audio: Speaker Out, Mic In, Front Speaker Out, Front Mic In for comprehensive audio solutions.
- Gigabit Ethernet: 1000 Mbps wired connection for secure and stable network performance without WiFi.

### Designed for Durability and Flexibility

Crafted with a durable steel and ABS plastic housing, finished in sleek black powder coating, the Aero Mini PC measures a mere 198mm × 187mm × 40mm. Its compact size belies its power, making it ideal for space-constrained setups. Operating on FreeDOS, it provides the ultimate flexibility for installing your preferred operating system or specialized applications. This robust unit is certified for quality with BIS, RoHS, and ISO standards, ensuring long-term reliability. Power input ranges from 100~275V AC for broad compatibility with a 2-meter cable.

### Benefits at a Glance

- Exceptional processing power for business, education, or industrial use.
- Secure and stable wired-only networking for critical applications.
- Highly versatile with extensive port options for any setup.
- Space-saving design with a rugged, certified build.
- Freedom to customize your operating system experience with FreeDOS.



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 14th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 120U    |
| Cores           | 10      |
| Max Frequency   | 5 GHz   |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 2048 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 |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 1.32kg, 1.32kg        |

### OPERATING SYSTEM

|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## Ordering Information

## PRODUCT CODE

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

|             |                                      |                     |                                        |                       |
|-------------|--------------------------------------|---------------------|----------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                  | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4                  | <b>32</b> = 32GB DDR4 |
| SSD         | <b>m128</b> = 128GB                  |                     | <b>m256</b> = 256GB                    |                       |
|             | <b>m512</b> = 512GB                  |                     | <b>m1024</b> = 1TB                     |                       |
|             | <b>m2048</b> = 2TB                   |                     | <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>110</b> = Windows 11 Professional |                     | <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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