



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## No WiFi

## Without OS

SKU: AERO-I5\_14-16-S256-12\_5-X-W\_OS-0



Unleash compact power: The Thinvent® Aero Mini PC.

Experience uncompromising performance in a footprint that redefines efficiency with the Thinvent® Aero Mini PC. Engineered for demanding workloads and specialized applications, this mini PC packs a serious punch for businesses and developers seeking robust, customizable solutions.

### Unrivalled Performance

- Powered by an Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a substantial 12 MB cache, for lightning-fast processing.
- Seamlessly multitask and power through memory-intensive applications with 32GB of high-speed DDR4 RAM.
- Benefit from ultra-responsive operation and enhanced data reliability thanks to its 32GB MLC SSD, ensuring quick boot times and rapid data access.

### Robust Connectivity

- Expand your visual workspace with dual HDMI and a VGA port, supporting multiple displays for maximum productivity.

- Connect all your essential peripherals with ease via 2x USB 3.0, 2x USB 2.0, 4x front USB 2.0, a versatile front USB C port, and integrated audio jacks for microphone and speaker.
- Enjoy secure and stable network performance with a dedicated 1000 Mbps Ethernet port.

### Built for Reliability

- Designed for specific deployments, this unit comes without an operating system, offering you complete freedom and cost savings for tailored software solutions.
- Its absence of WiFi ensures enhanced security for sensitive environments, providing a stable wired connection.
- Housed in a durable, powder-coated black steel and ABS plastic enclosure (198mm × 187mm × 40mm), it's built to withstand rigorous use.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and environmental compliance.

The Thinvent® Aero Mini PC: Your solution for powerful, reliable, and customizable computing in a compact form factor.



# 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     | 16 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 |
|----------|-----------|

### 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 | Without OS |
|------------------|------------|

## Ordering Information

### PRODUCT CODE

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

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

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