



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I5\_12-16\_16-M128-12\_10-M-U-0



## Experience Power and Precision in a Compact Design.

The Thinvent® Aero Mini PC redefines efficiency, packing robust performance into an incredibly small footprint. Designed for productivity and demanding tasks, this mini powerhouse is your ultimate computing solution.

Unleash exceptional speed with the Intel® Core™ i5-1250P processor, boasting 12 cores and turbo frequencies up to 4.4 GHz, backed by a generous 12 MB cache. Multitasking is seamless with 16GB of high-speed DDR4 RAM, ensuring applications run smoothly. Your operating system and essential applications load in an instant thanks to the ultra-fast 32GB MLC SSD.

### Connectivity at Your Fingertips

- Enjoy crystal-clear visuals with HDMI and VGA ports.
- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a lightning-fast 1000 Mbps Ethernet port.

- Expand your setup with a rich array of 2x USB 3.2, 6x USB 2.0 (2 rear, 4 front), and a versatile front USB C port.
- Integrated audio with front and rear speaker out and mic in ensures all your audio needs are met.

Powered by Ubuntu Linux 24.04 LTS, the Aero Mini PC offers a secure, stable, and highly customizable computing environment, free from licensing complexities. Its durable steel and ABS plastic housing, finished in sleek black, ensures longevity and a professional aesthetic, all within a compact 198mm × 187mm × 40mm form factor. The included 12V 7A adapter provides stable power, and its 2-meter cable allows flexible placement. Certified with BIS, RoHS, and ISO, you can trust its quality and reliability.

Embrace powerful, efficient, and versatile computing with the Thinvent® Aero Mini PC – built for your modern workflow.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 128 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|               |   |
|---------------|---|
| USB 3.2       | 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   | 10 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 | 1.71kg, 1.71kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

Aero-i5\_12-[RAM]-[SSD]-12\_10-[Wireless]-[OS]-[Accessories]

## RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32\_32 = 64GB  
DDR4 RAM (2 x  
32GB)16\_16 = 32GB  
DDR4 RAM (2 x  
16GB)8\_8 = 16GB DDR4  
RAM (2 x 8GB)

## SSD

m128 = 128GB

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

Thinix = Thinix™ Embedded Linux

W\_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

## Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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