



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12-8\_8-M128-12\_5-M-U-KM



## Unleash Productivity in a Compact Powerhouse

Thinvent® Aero Mini PC: Unleash the Power of Compact Computing.

Experience unparalleled performance and efficiency with the Thinvent® Aero Mini PC, a sleek and powerful solution designed to elevate your computing experience. Driven by an Intel® Core™ i5-1250P processor, this mini PC boasts 12 cores, reaching speeds of up to 4.4 GHz with a 12 MB cache, ensuring seamless multitasking and lightning-fast responsiveness for demanding applications.

### Key Performance Features

- 12 Cores for superior multitasking.
- Up to 4.4 GHz max frequency for rapid processing.
- 12 MB cache for efficient data access.
- 16 GB DDR4 RAM for smooth operation.
- 32 GB MLC SSD for rapid boot times and application loading.

### Connectivity and Versatility

Effortlessly connect your peripherals and displays. The Aero Mini PC features a comprehensive array of ports including HDMI and VGA for dual monitor support, multiple USB 3.2 and 2.0 ports, and a front USB-C for convenience. Enjoy robust network connectivity with Gigabit Ethernet and Dual Band Wi-Fi.

### Complete With

- Ubuntu Linux 24.04 LTS pre-installed for a stable and secure OS experience.
- Included Thinvent® Keyboard and Mouse set for immediate productivity.
- 12V 7A Adapter ensuring stable power delivery.

Designed for the modern workspace, its compact, powder-coated steel and ABS plastic housing in black (198mm × 187mm × 40mm) fits discreetly anywhere.

### Built to Last

- Operates reliably in temperatures from 0°C to 35°C.
- Compliant with BIS, RoHS, and ISO certifications for quality and safety.



# 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     | 16 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   | 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 | 2.14kg, 2.14kg        |

### ACCESSORIES

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

### 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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