



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 8GB DDR4 RAM

## 2TB SSD

## Dual Band WiFi

## Windows 11 Pro

SKU: AERO-I5\_12-8-M2048-12\_5-M-11P-0



Thinvent® Aero Mini PC: Unleash mighty performance in a minimalist design.

Experience unparalleled power and efficiency with the Thinvent® Aero Mini PC. Engineered for demanding tasks and seamless multitasking, this compact powerhouse redefines what a small footprint can achieve. Perfect for professional environments, home offices, or media centers, it delivers robust performance without cluttering your space.

### Performance That Excels

At its core, the Intel® Core™ i5-1250P processor boasts an impressive 12 cores and reaches speeds up to 4.4 GHz, complemented by a 12 MB cache. This ensures lightning-fast responsiveness for applications, smooth productivity, and efficient handling of complex workloads. Coupled with 4GB DDR4 RAM and a rapid 128GB SSD, you'll enjoy quick boot times and swift data access.

### Seamless Connectivity & Versatility

Stay connected with integrated dual-band Wi-Fi 5 (802.11ac) and Gigabit Ethernet for blazing-fast network speeds. A comprehensive array of ports provides unmatched versatility

- Display Options: HDMI, VGA
- Audio Connections: Speaker Out, Mic In, Front Speaker Out, Front Mic In
- USB Power: 2 USB 3.2 ports, 2 USB 2.0 ports, 4 front USB 2.0 ports, 1 front USB C port
- Professional Grade: Windows 11 Pro ensures a secure and modern computing experience with advanced features.

### Compact, Durable, and Certified

Encased in a sleek, black powder-coated steel and ABS plastic housing, the Aero Mini PC is designed to be both discreet and resilient. Its ultra-compact dimensions (198mm × 187mm × 40mm) allow it to fit almost anywhere. Built for reliability, it operates seamlessly within 0°C to 35°C and 20% to 80% RH non-condensing, carrying essential BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance. Power it efficiently with its 12V 7A adapter, supporting a wide 100~275 Volts AC input range.



# 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     | 8 GB    |
| SSD Storage     | 2048 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 | 1.62kg, 1.62kg        |

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

Aero-i5\_12-[RAM]-[SSD]-12\_7-[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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W\_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

## Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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