



# 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)

32GB MLC SSD

No WiFi

Windows 11 IoT Value

SKU: AERO-I5\_12-8\_8-S32-12\_5-X-11V-0



Unleash compact power and unwavering reliability for your critical operations.

The Thinvent® Aero Mini PC redefines performance in a small footprint, engineered for unwavering stability and power where it matters most.

### Performance

Powered by an Intel® Core™ i5-1250P processor featuring 12 cores and a turbo frequency of up to 4.4 GHz with 12 MB cache, coupled with 16GB DDR4 RAM, this mini PC effortlessly handles intensive tasks and seamless multitasking. Experience lightning-fast boot-ups and application loading thanks to the responsive 128GB SSD.

### Connectivity & System

**Connect all your essential peripherals with an impressive array of ports**

- Two USB 3.2, six USB 2.0 (four front, two rear), and one front USB-C.

Dual display support through HDMI and VGA offers flexible setup options. Gigabit Ethernet provides ultra-fast, secure wired network access, ideal for environments requiring stable, dedicated connections without WiFi. Running on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Aero Mini PC delivers unparalleled long-term stability and enhanced security for dedicated applications.

### Durability & Design

Its ultra-compact 198mm x 187mm x 40mm design, encased in durable steel and ABS plastic with a professional powder-coated black finish, is built to last in demanding settings. Designed for consistent operation between 0°C and 35°C, it's a robust solution for diverse environments.

### Certifications & Power

Certified with BIS, RoHS, and ISO, it meets stringent quality and environmental standards. The robust 12V 7A adapter with a 2-metre cable and wide 100~275V AC input ensures reliable power delivery across various operating conditions.

Choose the Thinvent® Aero Mini PC for a powerful, secure, and compact solution that won't compromise on performance or reliability.



# 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     | 32 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 |
|----------|-----------|

### 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 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## 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**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[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

## R&amp;D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

## Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

