



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 8GB DDR4 RAM

## 2TB SSD

## No WiFi

## Thinux Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12-8-M2048-12\_7-X-  
THINUX-KM



Unleash Powerful Performance, Compactly.

The Thinvent® Aero Mini PC: Your Gateway to Efficient Computing.

Experience robust performance in an incredibly small form factor. Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores, a max frequency of 4.4 GHz, and 12 MB cache, this Mini PC handles demanding tasks with ease. With 4GB DDR4 RAM and a lightning-fast 128GB SSD, boot-up and application loading are swift and seamless.

### Key Specifications

- Processor: Intel® Core™ i5-1250P (12 Core, up to 4.4 GHz, 12 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 128 GB SSD
- Graphics Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In
- USB Ports: 2 USB 3.2, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C
- Networking: 1000 Mbps Ethernet
- Power Adapter: 12V 7A (100~275 Volts AC input)

### Operating System

- Thinvent® Thinux™ Embedded Linux: Streamlined and secure, optimized for performance and reliability.
- Included Software: Chromium and Mozilla Firefox browsers for web browsing. Secure remote access with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH. Browser-based remote management and VNC shadowing. Supports Java, Python, and glibc for location applications. Full office productivity with LibreOffice and PDF viewer. Enjoy multimedia with a player supporting MPEG4. Integrated SIP for video and voice over IP.

### Durable and Compact Design

- Dimensions: 198mm × 187mm × 40mm
- Housing: Robust Steel and ABS Plastic, powder-coated in a sleek black finish.
- Ideal for tight spaces and diverse environments with an operating temperature range of 0°C to 35°C.

### Included Accessories

- Thinvent® Keyboard and Mouse set for immediate productivity.

### Certifications

- BIS, RoHS, ISO compliant for peace of mind.



# 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 |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 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 | 2.23kg, 2.23kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |                                                                                                                                                                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                   |
| OS Features      | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |

## 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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