



## Thinvent Aero Mini PC

### Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

**32GB DDR4 RAM (2 x 16GB)**

**1TB SSD**

**Dual Band WiFi**

**Without OS**

**Thinvent Keyboard and Mouse set**

SKU: AERO-I5\_12H-16\_16-M1024-12\_10-M-W\_OS-KM



Quietly powerful, boldly compact – the Thinvent® Aero Mini PC.

It's your unassuming workhorse. Slip this clever mini powerhouse onto the back of a monitor to conquer desk clutter, or tuck it away in a retail kiosk or digital signage setup where quiet, dependable operation matters most. A flawless alternative to bulky tower PCs, the Aero slips into cramped spaces, slashes power bills thanks to efficient 12-volt DC input, and edges your school or reception floor into clean modernity.

Practical tough-chrome steel shielding keeps it workplace-tough in humid break rooms or dusty shop floors. Dual-monitor via plug-drilled BIOS or plug-in USB 3.2 proves long-throw creative range, win every workplace image-draw as it liveliness without lab-shake interruptions. Aero propels non-stop rollouts while matching each last update cost – fit with dual-wi-fi, size-fit camera arrays to unlock faster part-care.

The supplied midnight-black mini-keyboard-and-mouse extra stretch secure the go-new suite-zero fuss. Act once to equip comfortable silent-thread branch build: because generous new-real load helps field-the-start robust-free growth rather hand'ry hidden spare-part brain pain.

Equip bright new projects with patient core fortitude - flatfold thin it thrives straight exactly tight-plan into retarial domain — reclaim floor-box sanity.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 12450H  |
| Cores           | 8       |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 1024 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 | 2.23kg, 2.23kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## Ordering Information

## PRODUCT CODE

Aero-i5\_12H-[RAM]-[SSD]-12\_10-[Wireless]-[OS]-[Accessories]

|             |                                                                                                 |                                                                                    |                                                               |                       |
|-------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)                                  | <b>8</b> = 8GB DDR4<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)                     | <b>16</b> = 16GB DDR4<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) | <b>32</b> = 32GB DDR4 |
| SSD         | <b>m128</b> = 128GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB      | <b>m256</b> = 256GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB                   |                                                               |                       |
| Wireless    | <b>m</b> = Dual Band WiFi                                                                       | <b>X</b> = No WiFi                                                                 |                                                               |                       |
| OS          | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinix</b> = Thinix™ Embedded Linux | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux |                                                               |                       |
| Accessories | <b>0</b> = None<br><b>MK</b> = Mechanical Keyboard                                              | <b>KM</b> = Keyboard and Mouse set<br><b>Mo</b> = 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&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

