



## Thinvent Aero Mini PC

### Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

**4GB DDR4 RAM**

**512GB SSD**

**Dual Band WiFi**

**Without OS**

SKU: AERO-I5\_12H-4-M512-12\_5-M-W\_OS-0



**Tiny box, gigantic productivity.**

Turning a desk into a command centre requires a machine that disappears from sight while delivering relentless power. The Thinvent Aero Mini PC is built exactly for that purpose – harnessing a modern 12th Gen Intel Core i5 processor to breeze through heavy multitasking, demanding spreadsheets, video editing timelines, and even light coding. Your team gets workstation-calibre responsiveness in the whisper-quiet, desktop space-saving footprint of a slim 198 x 187 mm chassis that fits neatly behind a monitor or on a shelf.

- Upgrade customer experience at receptionist desks, lecture halls, digital signage kiosks or industrial terminals with snappy boot-ups and instantaneous app launches.
- Future-proof the business – its compact, fan-cooled design and modular PCIe connectivity leave clear headroom to upgrade peripherals, storage and later processors without starting from scratch.

- Ensure a confident return on every deployment thanks to generous connectivity: six USB ports, HDMI loop-out for two displays, a dual-band Wi-Fi/D LAN dropout and a convenient front USB-C port for current peripherals.
- Beat facility downtime caused by bulky, heat-generating towers.

Environments where reliability matters should never compromise on space or budget. Hardened against humidity from 20% to 80% and certified to BIS+ISO 9001 industry standards, the Aero Mini PC overcomes silent digital kiosks to exacting heavy manufacturing floorlines without costly repurchasing risk. The modern DDR standard also houses a critical 8-thread performance jump. An installation prepared for an OS leaves endless room for agency-oriented reels.

Claim your commercial real estate worth rediscovering compact evolution over excess workstretch. Your people get value in their preferred fit seamlessly onto flat desk meeting their operating density requires everything remote teleworker work demands from submini field comfort leaving expansions controlled before visual obstruction decides change



# 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     | 4 GB    |
| SSD Storage     | 512 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 | Without OS |
|------------------|------------|

## Ordering Information

## PRODUCT CODE

Aero-i5\_12H-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

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

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