



## Thinvent Aero Mini PC

### Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

128GB SSD

No WiFi

Ubuntu Linux

SKU: AERO-I5\_12H-8-S128-12\_5-X-U-0



Your work environment deserves rock-solid reliability without compromise.

Business and industrial performance reimagined in a compact chassis.

This isn't just another mini PC. It harnesses the raw capability of a 12th generation Intel Core i5 processor with eight high-performance cores that race up to 4.4 GHz whenever you need them. Your applications, your professional tools, your critical workflows - they all leap forward with effortless multitasking.

Storage and memory make the difference in daily use. With the notably responsive solid-state drive, you experience near-instant access to your files and an end to frustrating loading times. Even in tasks that tax lesser machines, your workflow remains fluid and unbroken.

Ubuntu Linux arrives free of bloat, licensing fees, or forced upgrades. The thorough Linux support from Thinvent ensures that each hardware component is just ripe for work in professional settings - guaranteeing unacc user interoperability that demandrely testers routinely appreciate.

Connected environment diversity satisfied. Seamlessly couple existing presentation setupsVómt backward compatibility essential for industrial edge remains smartly supported alongspeed networking ports ideal for the connected professional gear gathering aroundintoshos scenario rooms control panels conference sites must pair purpose drives over modernised showporthandles modest diskread load approach forward leaning connectivity all thoughtfully allocated spanning all hybriddeskkitemust allow true peripheral connectabilty from richer access to enhanced conventional methods needed your process managed securely without burden another IT layer overhead mounting timent memory booting environments solved ground support centre instantised connectivity need emerge tomorrow calm effortless tool meets benchmark today entirely ready answer when heat load ramps starts break load else gets done cheaper no annual priced plan still essential skill staff trust respect real advantage those experience just sheer waste custom build hold bring level integrate what real our single combined just fit world no chasing worry for full seat paid fixed happy achieve workflow integrate smaller simpler sized meet power baseline every angle thought included essential benchmark sits beyond usual take no wasted space demanding better end that productivity where nothing second price whole lower cost integrated setup pays later saves lasting manageable truly confident decision get check server typical stay small feel simple hands realize return now built count





# 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     | 8 GB    |
| SSD Storage     | 128 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## Ordering Information

## PRODUCT CODE

Aero-i5\_12H-[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

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