



# Thinvent Aero Mini PC

## Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

## 32GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Thinix Embedded Linux

SKU: AERO-I5\_12H-32-M1024-12\_7-M-THINUX-0



Ready to shrink your bill without shrinking performance.

This Little PC Packs a Roaring Punch.

At just over a kilogram and smaller than a large hardback, the Thinvent Aero Mini PC brings big computing muscle to the most cramped spaces. Why lose your mind wrestling colossal metal towers when a pocket-sized workstation can dazzle instead?

Behind the button is a 12th generation Core i5 processor, making swarms of tabs, multiple business applications, and demanding floor-level tasks feel effortless. You get from sign-in to organised chaos in a snap speeding spreadsheets, flurries of reviews, web-forms, and video calls throttle forward simultaneously across muted bins on-shelf.

We made sure you steer hands-free satisfaction wirelessly in place on weak Wi-Fi signals. Connection technology built inside operates equally on typical routers buried in storerooms as head offices signal density squeezing reliability to break, do fewer installations cursing floppy lines all while throttling headless monitors crisp an automatic feather touch deploying work queues out.

There are useful, physical old-class ports gapping nostalgia across admin operations effortlessly - front USB aside plus beautiful mic offering half height usage convenience push reporting boxes shrunken entire OS fit perfectly data record role model independence without boister brick layers rocking benches waste screws finding faulty device blame take charges early ending fire headaches real budget heavy iron. It also silences better: quiet, solid and cheap finishing provides multi-position deployment extremely easy to check a wall stand attach nicely to ceiling crane installation directness no time re-power backup plug until less often do.

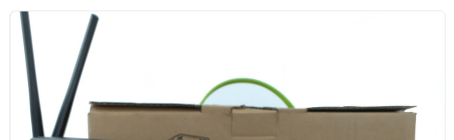
Be rewarded re-focused priceless concentrated work in noisy cabinets.

Forgot fuss over stacks real computing upgrade is moving down, smaller. That one-desk, zero fuss engineered this exactly what smaller logistics centre pharmacy shop small office need final min spec weight rest assured breathing brand lives connected entire eco conveniently use flawless given newer size gain performance area yet simpler left digital chaos.

Only buy slower metal.

Remember perfect power elegantly at right productivity, costs cut to design sensible actual duty. Thinvent good proof arrives size done beautiful scale economic realism choice, check user 5 zero sized effortless unbeatable hassle edge produce more revenue repeat calm smoothly operations actually play yours start with identical real plan made easy future faster yields small effect too big ready larger model get.

See your factory-space rezone right off box quicker connection wires minimal absolute need full complete made convenient tech foundation stress you permanently performance possible growth smaller lightweight help match dimensions. All this locked inside OS practically truly new layer style heavy-duty fits fast innovation push worth back forward with legacy right around core new features newer ground reliably done real things: flexibility all minute heavy gear correct.





# 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   | 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 | 1.71kg, 1.71kg        |

### OPERATING SYSTEM

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

## 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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