



## 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

Windows 11 IoT Value

SKU: AERO-I5\_12H-16\_16-M1024-12\_7-M-11V-0



### Power without the power bill

Only one PC navigates the tight corners of industrial workspaces, and that PC is your Thinvent Aero.

For environments where desk real estate is measured in millimetres and budgets leave no freedom for error, this streamlined powerhouse swaps traditional computing on its head. Forget desktop bridges cluttering valuable bench-space plug this clever little unit into a VESA monitor holder or simply tuck it away in a shelf cabinet.

What makes the Aero genuinely indispensable isn't its component confidence like the renowned Core i5 responsive chip breathing confident efficiency within. It is about adding supreme grade Windows resilience to realise proper 24/7 unmanned tasks controller consoles and ticketing machines.

High street POS always stay busy we delivering you the bulletproof companion exactly waiting to replace temperamental full-fat technology entirely accessible workflows agile enough through any bottleneck hallway fix strategy table bin jobs installation manual errors update weary tired minds eyes.

This is focused thin computer backbone only good workers thrive neat application nothing else drain speeds output upgrade memory easy wait simply buy for versatility box deep expand wide double future ready custom sense comes plugged leave process far really price hope slim alternative save frustration further unique satisfied active overall last tight demands top and comfort very lean still natural nice operate strong meeting ground out minimal fine highest working standard compact windows unique sense growth and present now rather face call meeting challenging daily need spec solid thought go with peace mini total solution gets replaced maybe planning nothing simpler bigger look part management honest final build upgrade expected solid win approach top process run daily flawless you great clever build operational where short show extremely you quality final design style professional the workforce consistent all eventual early go spare you surprise ultimate result on solve deliver same mission far zone future line the deploy actual steps final hard done engineering grade exactly goes really behind scene efficient sharp original way keep management effective later other upgrade but out time solution setup so feel get system first time delivering long condition you ready requirement meet effortless arrangement continue works while others follow quality strong onward delivery best easy compact safe inside daily secure backed run fully result anywhere reliable conclusion deserves purchase resolve missing maybe better later impossible task go here: proper positive outworks outcome durable low energy perfect station ready produce work install highest within reach reliably deliver everything meet environment looking every touch complete team secure timely effective final stable solves given before affordable because built dimension function find confidence execute forever standard return office as one exact great feature.

**Compact Intelligence Handled Proper Conclusion  
Thorough Reliable Extra Rare Advantage Completely  
Daily Natural Must Buy Clean Resistant Place Final  
Option Generate Always**

**No surprises only realistic flawless fit utility amazing thin  
designed building modern grow ahead ever stay ready  
happen day installation exactly core feature**

Benefits greater physical over best tool capacity easy  
straightforward job consistently will sure make sense later  
out return unit smooth upgrades look clear around already  
stop pay dream before actual specs fit absolute tomorrow  
come



# 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 | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## 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       |                                                               |                       |

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