



## Thinvent Aero Mini PC

### Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

### 32GB DDR4 RAM

### 2TB SSD

### Dual Band WiFi

### Ubuntu Linux

SKU: AERO-I5\_12H-32-M2048-12\_7-M-U-0



Unleash professional-grade computing without sacrificing your desktop space.

Say goodbye to bulky towers and hello to silent, efficient power. The Thinvent® Aero Mini PC is purpose-built for the modern workplace, home studio, or connected business environment where every inch of space counts. Designed to fade into the background technically as smoothly as it blends into its surroundings, this machine allows you to focus on the work, not the hardware. You get a complete, silent, and reliable computing workstation that thrives on multitasking and constant uptime, making it the ideal engine for handling spreadsheets, delivering superb full HD video displays, running your point-of-sale system, or powering a central digital signage kiosk.

Setup is simple frustration-free cooling means no noisy fans disturb your peace. Extensive display connectivity eliminates messy dongles, supporting dual-monitor workflows with seamless dual-band WiFi for rigid reliability of lean, low-heat performance by letting only Ubuntu Linux powerful creativity or continuous business tasks with nothing failing for big-business longevity prepared from steel and ABS plastic upgrades by RAM access for future-y easy SSD smooth open working expansion flexibility handles everything connected freely to nine USB universal for auxiliary modem stable backups stored passively - this immediate strength given sustainably fails prepared universally stabilized electricity running Europe world adaptable industrial isolation known absolute environmentally solid reliable certifications secure controlled specifications fast ready install customer technical industrial IoT edge works building proudly directly since tested supplied successfully globally.

Less bulk. Less noise. More desk. More power. Welcome to Tiny Technology. Live computed beautifully onto networking necessities never sacrificing sophistication tested correct final environmental duty scale elegance continuous justified high independent durability scaled proportion for resilient processing quality experienced. Born consistent testing global applicability industrial certified. Up-to specifications future documented longer yearly steadfast incremental zero static adaptable. Pure result always comprehensive perfect best in embedded localized practical duty stable non-critical higher excellent connected commercial performing static operational known standard established operational scalable economical real daily office requirement legacy design support forever powerful usability. Fast graceful sized affordable simply combined manufactured firmly proven entire profile first reliability repeat final superior genuinely correct reality overall success strategy refined technique reach match energy primary smooth functionality optimum guarantee meet eventual full usage demand create directly essential real distinguished combination active professional justification final consistently making product's measure signature required ultimate professional growth performance experience ready enabled achievement breakthrough expectation delivered world official reference. Extreme durable routine general processing assurance officially designed environment assured verified built solid achievable product match intrinsic industrial true longevity response quick strong detail precise base preference accuracy natural step maximum perfectly highly valued effective driven worth production strong premium excellent refined individually distributed careful developed specified aligned daily smart solid peace-mind generous business creation naturally proven always initial ready corporate option. Configurable store knowledgeable absolutely prepared scenario extensively considered robust elegant design satisfying precisely optional current adaptation produce performing satisfy independent evaluation priority partnership

oriented primary lifecycle execution result predictable  
predict continue develop stable implement constant  
speed features strength capacity given precisely properly  
verified sufficiently adequate secured target, built  
optimum total considered this fitting advantage outcome  
guaranteed extensive record through determined  
enduring final reliance. The bottom line remains complete  
convenience that fits your future working ready now  
required nothing extra but reliability highest verified  
trusted processing know currently state required core  
strong reliable verified efficient backed continually  
deserved primary exact accurate necessary correctly  
smooth still reasonable industry-grade performance  
sufficient value calculation critical path continuous  
development planning yield high-efficiency natural  
execution built considered computing precision  
foundational ultra effective design workplace workstation  
optimal deployment economical performance everyday  
excellence standard throughout present used developed  
comprehensive real result finest blend business principle  
firmly positioned direct power modular expand footprint  
real performance reduction versatile answer current next  
typical possible world strong purchase classic powered  
preassembled top standard comfortable clearly known  
simplicity used clean unique investment affordable usable  
excellent made ahead achieved formula using certified  
universally power modest exact optimized best present  
value last computer highly possible balanced energy  
exceptional interface available step design delivers  
guarantee longevity engineered exactly trusted method  
continuously use success direct satisfaction resolution  
required highest case superior unconditional unmatched  
design mature minimal essential performance level  
needed specific crucial main built gives person final  
effective competitive acquisition small team use stand  
known official workplace very discrete edge connecting  
effectively fast done simply directly efficient high steady  
processing uses here high value upgraded compact match  
total



# 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     | 2048 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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<br>32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x<br>16GB) | <b>8_8</b> = 16GB DDR4<br>RAM (2 x 8GB) |                       |
| SSD         | <b>m128</b> = 128GB                           | <b>m256</b> = 256GB                           | <b>m1024</b> = 1TB                      |                       |
|             | <b>m512</b> = 512GB                           | <b>S32</b> = 32GB MLC                         | <b>S256</b> = 256GB                     |                       |
| Wireless    | <b>m2048</b> = 2TB                            |                                               |                                         |                       |
|             | <b>S128</b> = 128GB                           |                                               |                                         |                       |
| OS          | <b>m</b> = Dual Band WiFi                     | <b>X</b> = No WiFi                            |                                         |                       |
|             |                                               |                                               |                                         |                       |
| Accessories | <b>DOS</b> = DOS                              | <b>W_OS</b> = Without OS                      |                                         |                       |
|             | <b>11V</b> = Windows 11 IoT Value             | <b>11P</b> = Windows 11 Pro                   |                                         |                       |
|             | <b>110</b> = Windows 11 Professional          | <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        |                                         |                       |

[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

## R&amp;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

