



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 4GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Without OS

SKU: AERO-I5\_12-4-M128-12\_5-M-W\_OS-0



Thinvent® Aero Mini PC: Unleash uncompromising power in a surprisingly small package.

Experience immense performance with the Thinvent® Aero Mini PC, engineered for demanding tasks and seamless multitasking. Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores, a blistering 4.4 GHz max frequency, and a 12 MB cache, this mini PC effortlessly handles complex applications, intensive data processing, and everyday productivity. With a generous 32GB DDR4 RAM, you'll enjoy smooth, responsive operation, while the 32GB MLC SSD ensures lightning-fast boot times and reliable core application loading.

### Designed for versatility and durability

- Powerful Core: Intel® Core™ i5-1250P processor for unparalleled speed and efficiency.
- High-Speed Memory: 32GB DDR4 RAM for effortless multitasking.
- Rapid Storage: 32GB MLC SSD delivers quick access and superior reliability.

- Extensive Connectivity: Boasting dual display support with HDMI and VGA, a front USB-C, six USB-A ports (two USB 3.2, four USB 2.0), dedicated audio jacks, and 1000 Mbps Ethernet.
- Wireless Freedom: Dual band Wi-Fi 5 (802.11ac) ensures fast, stable wireless networking.
- Robust Build: Encased in a durable steel and ABS plastic housing with a sleek black powder-coated finish, built for longevity.
- Compact Design: Measuring just 198mm × 187mm × 40mm, it fits perfectly in any space.

### Your Choice of OS

- Operating System: Without OS, providing you the flexibility to install your preferred operating system or specialized software solution.

The Thinvent® Aero Mini PC is the ideal solution for professionals, businesses, and power users seeking a high-performance, ultra-compact, and highly customizable computing experience. It's certified by BIS, RoHS, and ISO, ensuring quality and peace of mind.



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 4 GB    |
| SSD Storage     | 128 GB  |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

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|                   |   |
|-------------------|---|
| Speaker Out       | 1 |
| Mic In            | 1 |
| Front Speaker Out | 1 |
| Front Mic In      | 1 |

### CONNECTIVITY

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|               |   |
|---------------|---|
| USB 3.2       | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 4 |
| Front USB C   | 1 |

### NETWORKING

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|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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

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|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## Ordering Information

| PRODUCT CODE   |  |                     |  |                       |
|--|--|---------------------|--|-----------------------|
| <b>Aero-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |                     |  |                       |
| RAM  | <b>4</b> = 4GB DDR4                    | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4                  | <b>32</b> = 32GB DDR4 |
|  | <b>64</b> = 64GB DDR4                  |                     |  |                       |
| SSD  | <b>m128</b> = 128GB                    |                     | <b>m256</b> = 256GB                    |                       |
|  | <b>m32</b> = 32GB                      |                     | <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 |                       |

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

### R&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

