



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 32GB DDR4 RAM

## 2TB SSD

## Dual Band WiFi

## Without OS

SKU: AERO-I5\_12L-32-M2048-12\_7-M-W\_OS-0



Unleash desktop power from a palm-sized dynamo.

The Thinvent Aero Mini PC: Where industrial-grade reliability meets surprising versatility.

### Perfect for

- A robust digital signage controller that runs cool and quiet 24/7.
- A compact, dual-network hub for network security applications.
- A space-saving workstation for business-critical kiosks or point-of-sale systems.

### Engineered for endurance

This isn't just a small computer; it's a resilient workhorse built for demanding environments. Its robust steel construction and fanless design ensure silent, dust-resistant operation, while its wide power input handles unstable grids with ease. The dual Gigabit Ethernet ports provide crucial network redundancy for always-on applications.

### Deploy with total freedom

Arriving without a pre-installed operating system, the Aero hands you complete control. Load your preferred OS and customise it perfectly for your specialised software, from factory floor monitoring to interactive retail displays. Its wealth of front-facing ports allows for clean, professional installations with easy peripheral access.

Choose the Thinvent Aero Mini PC. Maximum capability, minimal footprint, and built to work where others won't.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| 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 |
| Front USB 2.0 | 4 |
| Front USB C   | 1 |

### NETWORKING

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Ethernet Ports      | 2                             |
| 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 | Without OS |
|------------------|------------|

## Ordering Information

### PRODUCT CODE

**Aero-i5\_12l-[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 DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)   |                       |
| SSD         | <b>m128</b> = 128GB                     |                                         | <b>m256</b> = 256GB                    |                       |
|             | <b>m512</b> = 512GB                     |                                         | <b>m1024</b> = 1TB                     |                       |
|             | <b>m2048</b> = 2TB                      |                                         | <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>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 |                       |

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