



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 8GB DDR4 RAM

## 2TB SSD

## No WiFi

## DOS

SKU: AERO-I5\_12L-8-M2048-12\_7-X-DOS-0



Unleash powerful computing in the palm of your hand.

### Engineered for demanding environments

Meet the Thinvent® Aero Mini PC, the robust and compact solution built for industrial reliability. Its fanless, all-metal chassis ensures silent, dust-resistant operation where it matters most, from factory floors to retail kiosks.

### Your versatile core for critical tasks

This isn't just a small computer; it's a dedicated workhorse. The potent Intel® Core™ processing delivers the consistent performance needed for digital signage, point-of-sale systems, or thin client setups. Dual Gigabit Ethernet ports provide network redundancy and stability for always-on applications, ensuring your operations never miss a beat.

### Deploy with confidence, customise with freedom

Designed for seamless integration, its compact form factor fits effortlessly into tight spaces or behind monitors. With FreeDOS installed, you have complete freedom to load your preferred, specialised operating system, creating a perfectly tailored solution for your unique workflow. The Aero Mini PC is the dependable, high-performance foundation your business technology deserves.



# 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     | 8 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         |

### 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 | FreeDOS |
|------------------|---------|

## 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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