



# Thinvent Aero Mini PC

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 32GB DDR4 RAM

## 32GB MLC SSD

## Dual Band WiFi

## Windows 11 Pro

SKU: AERO-I7\_12L-32-S32-12\_7-M-11P-0



Engineered for the relentless pace of modern business.

### Unleash Professional Power in a Tiny Footprint

The Thinvent Aero Mini PC is your command centre for demanding applications, all contained within a sleek, compact design. Its robust processing muscle effortlessly handles everything from complex data analysis and digital signage to point-of-sale systems and industrial automation. It's the reliable, high-performance engine your operations need, without the bulk of a traditional tower.

### Why the Aero Mini PC is Your Smart Upgrade

- Experience seamless multitasking and rapid application response, keeping your workflows fluid and productive.

- Connect to a vast array of essential peripherals and dual network systems for maximum operational flexibility.
- Its rugged, industrial-grade construction ensures dependable performance in diverse environments, from the office to the shop floor.
- Dramatically reduce clutter and save valuable space with a powerful computer that fits almost anywhere.
- Deploy with confidence using the professional, secure, and familiar Windows 11 Pro environment.

This is more than a computer; it's a strategic asset. Choose the Thinvent Aero Mini PC for robust, space-saving performance that drives your business forward.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i7      |
| Processor Brand | Intel   |
| Processor Model | 1255U   |
| Cores           | 10      |
| Max Frequency   | 4.7 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 32 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 |
| RS485 Option  | 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 | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

Aero-i7\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                                                            |                                                                |                |                |
|-------------|----------------------------------------------------------------------------|----------------------------------------------------------------|----------------|----------------|
| RAM         | 4 = 4GB DDR4<br>64 = 64GB DDR4                                             | 8 = 8GB DDR4                                                   | 16 = 16GB DDR4 | 32 = 32GB DDR4 |
| SSD         | m128 = 128GB<br>m32 = 32GB<br>m1024 = 1TB<br>S128 = 128GB                  | m256 = 256GB<br>m512 = 512GB<br>S32 = 32GB MLC<br>S256 = 256GB |                |                |
| Wireless    | m = Dual Band WiFi                                                         | X = No WiFi                                                    |                |                |
| OS          | DOS = DOS<br>11V = Windows 11 IoT Value<br>Thinix = Thinix™ Embedded Linux | W_OS = Without OS<br>11P = Windows 11 Pro<br>U = Ubuntu Linux  |                |                |
| Accessories | 0 = None<br>MK = Mechanical Keyboard                                       | KM = Keyboard and Mouse set<br>Mo = Wired Optical Scroll Mouse |                |                |

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