



# Thinvent Aero Mini PC

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 4GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 Pro

SKU: AERO-I7\_12L-4-S128-12\_7-X-11P-0



Engineer powerful solutions in a compact, industrial-grade package.

Introducing the Thinvent® Aero Mini PC, the ultimate workhorse for demanding environments. This isn't a desktop computer for the home; it's a robust digital brain built to thrive where reliability is non-negotiable.

### Built for the Real World

Forget fragile consumer tech. The Aero is engineered with industrial-grade components in a rugged steel chassis, designed to deliver unwavering performance in challenging conditions. From factory floors to digital signage installations, it provides steadfast computing power without taking up valuable space.

### Uncompromising Power for Critical Tasks

Harness serious processing muscle to drive your most important applications. From complex automation systems and machine vision to point-of-sale hubs and network control, the Aero handles intensive workloads with ease. Its dual Gigabit Ethernet ports ensure rock-solid, high-speed network connectivity, making it the perfect core for secure and reliable operations.

### Simplify Deployment, Maximise Uptime

Get up and running faster. Its compact, VESA-mountable design allows you to install it virtually anywhere—behind a monitor, under a desk, or on a wall. Coupled with the efficiency of Windows 11 Pro, you benefit from a familiar, professional environment that's ready to support your business from day one. Choose the Thinvent Aero Mini PC, where robust performance meets rugged dependability.



## Specifications

### PROCESSING

---

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i7      |
| Processor Brand | Intel   |
| Processor Model | 1255U   |
| Cores           | 10      |
| Max Frequency   | 4.7 GHz |
| Cache           | 12 MB   |
| Main Memory     | 4 GB    |
| SSD Storage     | 128 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         |

### 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  |  |                     |  |                       |
|---|--|---------------------|--|-----------------------|
| <b>Aero-i7_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |                     |  |                       |
| <b>RAM</b>  | <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                  |                     |  |                       |
| <b>SSD</b>  | <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                    |                       |
| <b>Wireless</b>   | <b>m</b> = Dual Band WiFi              |                     | <b>X</b> = No WiFi                     |                       |
| <b>OS</b>   | <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                |                       |
| <b>Accessories</b>  | <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

