



## Thinvent Aero Mini PC

### AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

### 4GB DDR4 RAM

### 128GB SSD

### No WiFi

### Windows 11 Pro

SKU: AERO-R5\_7-4-S128-19\_3-X-11P-0

Powerful performance, perfectly compact.

The new Thinvent Aero Mini PC brings genuine desktop-class performance to the smallest of footprints. Powered by an AMD Ryzen™ 5 processor, it handles demanding multitasking, data entry, and industrial software with effortless ease – all without taking up precious desk space.

Why choose the Aero for your workspace? It is engineered for reliability in busy environments. The robust steel and ABS housing, finished with a durable powder coat, withstands the bumps and knocks of daily use, making it ideal for factory floors, retail counters, or busy offices.

This mini PC is a smart upgrade for anyone running legacy systems or looking to modernise a workstation. It runs Windows 11 Pro out of the box, so integration into your existing network is straightforward. With multiple USB ports – including a convenient USB-C on the front – and both HDMI and VGA outputs, you can connect legacy monitors, barcode scanners, printers, or other peripherals without hassle.

The Aero Mini PC is also a champion of space-saving. Tuck it behind a monitor, mount it under a desk, or place it in a tight kiosk enclosure. Its low power draw from the included 12V adapter keeps energy costs down and heat output minimal.

For a compact computer that delivers reliable performance, easy connectivity, and the ruggedness your work demands, the Thinvent Aero is the practical, powerful choice.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |             |
|-----------------|-------------|
| Generation      | 7000 Series |
| Series          | Ryzen 5     |
| Processor Brand | AMD         |
| Processor Model | 7430U       |
| Cores           | 6           |
| Max Frequency   | 4.3 GHz     |
| Cache           | 16 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 Gen 1 | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 4 |
| Front USB C   | 1 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 19 Volts                                     |
| DC Current   | 3 Amps                                       |
| Power Input  | 100~240 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 | 1.16kg, 1.16kg        |

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

Aero-r5\_7-[RAM]-[SSD]-19\_3-[Wireless]-[OS]-[Accessories]

## RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32\_32 = 64GB  
DDR4 RAM (2 x  
32GB)16\_16 = 32GB  
DDR4 RAM (2 x  
16GB)8\_8 = 16GB DDR4  
RAM (2 x 8GB)

## SSD

m128 = 128GB

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

Thinix = Thinix™ Embedded Linux

W\_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

## Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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