



## Thinvent Aero Mini PC

**AMD Ryzen 5 7430U processor**

**6 core, up to 4.3 GHz, 16 MB cache**

**16GB DDR4 RAM (2 x 8GB)**

**1TB SSD**

**No WiFi**

**Without OS**

SKU: AERO-R5\_7-8\_8-M1024-19\_3-X-W\_OS-0



**Powerful performance, pint-sized practicality.**

Unleash desktop-grade computing from a footprint that fits in the palm of your hand. The Thinvent Aero Mini PC, powered by an AMD Ryzen 5 processor, delivers the multi-tasking muscle and responsive speed you need for demanding business applications, digital signage, or a clutter-free workstation. Think seamless spreadsheet crunching, snappy web browsing, and smooth multimedia playback – all from a discreet black box that slips neatly behind a monitor or under a desk.

Why choose the Aero Mini PC for your next deployment? It's about reclaiming your workspace and simplifying your setup. With a comprehensive selection of USB ports, including a front-facing USB-C, plus HDMI and VGA outputs, you can connect dual displays, peripherals, and legacy equipment without a tangle of adapters. The solid-state drive ensures quick boot times and reliable data access, while the energy-efficient design keeps power consumption low and noise levels even lower – ideal for 24/7 environments like retail counters, information kiosks, or school computer labs.

Built from powder-coated steel and ABS, this mini PC is as durable as it is compact. It comes without an operating system, giving you the freedom to install your preferred Linux distribution or Windows 10/11. Whether you're upgrading an existing setup or building from scratch, the Thinvent Aero is a smart, space-saving investment that puts serious computing power exactly where you need it.



# 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     | 16 GB       |
| SSD Storage     | 1024 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 | Without OS |
|------------------|------------|

## 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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