



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)

512GB SSD

No WiFi

Without OS

SKU: AERO-R5_7-8_8-M512-19_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	512 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
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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
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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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