



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)

32GB MLC SSD

Dual Band WiFi

DOS

SKU: AERO-R5_7-8-S32-19_3-M-DOS-0



Powerful yet compact: the Thinvent Aero Mini PC delivers desktop-class performance in a space-saving design.

Unleash performance in tight spaces

- The AMD Ryzen 5 7430U processor gives you six high-performance cores ready to handle demanding multitasking, from data processing to digital signage and kiosk applications, all in a chassis no bigger than a book.
- Enjoy snappy responsiveness for everyday office tasks, web browsing, and media playback without taking up valuable desk or wall space.

Built for reliability

- A powder-coated steel and ABS housing stands up to continuous operation in busy environments, from shop floors to reception desks.
- Low power consumption and silent, fan-cooled operation mean this mini PC runs cool and quiet, 24/7 if needed.

Your choice of operating system

- Ships with FreeDOS so you can install the OS that suits your workflow – whether that's Windows, Linux, or a custom embedded build.
- No bloatware, no unnecessary software – just a clean slate ready for your business applications.

Versatile connectivity

- Dual-band Wi-Fi and Gigabit Ethernet give you flexible networking options, so you can connect wired or wirelessly as your setup demands.
- With multiple USB ports, HDMI, and VGA outputs, you can link monitors, peripherals, and storage devices without needing extra adapters.

The Thinvent Aero Mini PC – a compact, dependable workhorse for industrial and commercial spaces.



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	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 Gen 1	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	FreeDOS
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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

www.thinvent.insales@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

