



Thinvent Aero Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

32GB DDR4 RAM

512GB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: AERO-R5_7-32-M512-19_3-M-THINUX-0



Small size, mighty performance – the Thinvent® Aero Mini PC.

Power your workspace without sacrificing desk space

- Fit a full desktop experience into the palm of your hand, perfect for crowded offices, retail counters, or digital signage where every centimetre counts.
- The AMD Ryzen™ 5 processor glides through multitasking, from running a point-of-sale system to handling multiple browser tabs in your embedded application.
- Enjoy whisper-quiet operation and low power consumption – a lean, reliable workhorse that stays cool and keeps your energy bills down.

Built for real-world business

- Thinix™ Embedded Linux gives you a stable, secure platform with zero licensing overhead. Pre-loaded browsers, remote desktop tools (RDP, VNC, SSH), and multimedia support mean you're ready to deploy straight out of the box.

- Dual-band Wi-Fi and gigabit Ethernet let you connect flexibly, whether you're tucking it behind a monitor or mounting it to a wall.
- A comprehensive set of USB ports (including USB-C) ensures you can plug in peripherals, barcode scanners, or payment terminals without extra hubs.

Why choose the Aero Mini PC?

- It's a complete, cost-effective replacement for bulky towers – ideal for thin-client setups, kiosks, and embedded control.
- Rugged steel and ABS construction with powder-coated finish handles the bumps of everyday commercial use.
- Backed by Thinvent's industrial heritage: built to last, supported to work.

Get the power you need in the size you want. No fuss, no fan noise – just dependable computing.



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	32 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
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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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