



Thinvent Aero Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-R5_7-16_16-M512-19_3-X-THINUX-KM



Powerful, compact, and built for productivity—the Thinvent Aero Mini PC delivers desktop-class performance in a space-saving design.

Reliable performance for everyday business

Built around a modern AMD Ryzen 5 processor, this mini PC handles multitasking, spreadsheets, web browsing, and office applications with ease. Its efficient architecture keeps operations smooth and responsive, even when you're running multiple windows or browser tabs.

Ready for remote work and digital signage

With embedded Thinux Linux and built-in remote management tools (RDP, VNC, SSH), the Aero Mini PC is ideal for thin clients, kiosks, or branch office terminals. It supports video conferencing, SIP voice over IP, and multimedia playback, making it a versatile hub for communication and content.

Designed to save space and energy

Its slim, powder-coated steel chassis fits neatly behind a monitor or under a desk, freeing up valuable workspace. The low-power 12V adapter and fanless-cooled design keep noise and electricity bills down, perfect for 24/7 operation in retail, education, or healthcare environments.

Complete with peripherals, ready to deploy

Every unit comes with a Thinvent keyboard and mouse, plus a pre-installed Thinux Embedded Linux featuring Chromium and Firefox browsers, LibreOffice, and a PDF viewer. Just plug in, power up, and start working—no extra setup or licensing hassles.

Choose Thinvent Aero Mini PC when you need a dependable, affordable, and easy-to-manage computing solution that doesn't compromise on performance or expandability.



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
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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	1.68kg, 1.68kg

ACCESSORIES

Keyboard and Mouse	1
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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		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	S32 = 32GB MLC		S128 = 128GB	
	S256 = 256GB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	Thinix = Thinix™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		KM = Keyboard and Mouse set	
	MK = Mechanical Keyboard		Mo = Wired Optical Scroll Mouse	

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