



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

Dual Band WiFi

Ubuntu Linux

SKU: AERO-R5_7-16_16-M512-19_3-M-U-0



Powerful computing in a miniature package.

Thinvent's Aero Mini PC brings the muscle of an AMD Ryzen™ 5 processor to your desk, factory floor or digital signage setup – without taking up space. Whether you're powering a point-of-sale system, running a cloud-based office or controlling a kiosk, this compact workhorse delivers smooth, responsive performance for everyday tasks.

Why choose the Aero Mini PC for your next project?

- Six processing cores handle demanding applications and multitasking with ease, from spreadsheets to light content creation.
- The pre-loaded Ubuntu Linux 24.04 LTS gives you a secure, stable foundation – ideal for custom software, development environments or just a clutter-free desktop.

- Dual-band Wi-Fi and gigabit Ethernet keep you connected reliably, whether you're wired in or working wirelessly.
- A versatile port selection – including HDMI, VGA and USB-C – means you can connect legacy displays, modern monitors and peripherals without adaptors.
- Quiet, fanless-ish? Actually, it's active cooling, but the low-power design stays cool and quiet even during long shifts.
- Built with powder-coated steel and ABS, this mini PC is tough enough for industrial settings yet stylish enough for a professional office.

Upgrade your workstations, streamline your operations or add smart displays – the Aero Mini PC gives you the performance you need, where you need it. Ready for straightforward deployment and years of reliable service.



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	Ubuntu Linux 24.04 LTS
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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		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	
	Thinux = Thinux™ 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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