



Thinvent Aero Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

DOS

SKU: AERO-R5_7-32_32-M2048-19_3-X-DOS-0



The compact powerhouse that fits your workspace and your budget.

Built for reliability in demanding environments

- The AMD Ryzen™ 5 processor delivers smooth multitasking for office applications, point-of-sale systems, and digital signage without breaking a sweat
- Low-power 12V operation means quieter running and lower electricity bills, ideal for always-on deployments
- Sturdy steel and ABS housing with powder coating shrugs off dust and bumps in retail, hospitality, or light industrial settings

Who needs it most

- Retail kiosk operators wanting a dependable, space-saving brain for customer-facing terminals
- Small businesses looking for a cost-effective desktop that handles spreadsheets, web browsing, and email with ease

- System integrators needing a standardised platform that runs on FreeDOS, ready for custom software deployment

Why choose this model

- Versatile connectivity with VGA and HDMI for dual displays – perfect for checkout counters or information boards
- Multiple USB ports (including front USB-C) let you connect peripherals, printers, and barcode scanners without extra hubs
- Fanless operation and robust certification give you peace of mind for long-term, unattended use

The Thinvent Aero Mini PC is the no-frills workhorse that keeps your operations running smoothly without taking up space or draining your resources.



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	64 GB
SSD Storage	2048 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	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	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	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		
	110 = Windows 11 Professional	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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