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)

1TB HDD

No WiFi

DOS

SKU: AERO-R5_7-32_32-H1024-19_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
HDD Storage	1024 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

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

Thinvent Aero Mini PC

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	
	m2048 = 2TB		**S32** = 32GB MLC	
	S128 = 128GB		**S256** = 256GB	
	h1024 = 1TB HDD			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**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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