



Thinvent Aero Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Windows 11 IoT Value

SKU: AERO-R5_7-8_8-M512-19_3-X-11V-0



Power that fits in the palm of your hand

The Thinvent Aero Mini PC, driven by an AMD Ryzen 5 processor, brings serious computing muscle to tight spaces without sacrificing reliability.

- Perfect for industrial control, digital signage, and self-service kiosks where every inch of space counts
- Whisper-quiet operation thanks to efficient thermal design, even in 24/7 environments
- Built to last with a powder-coated steel and ABS chassis that shrugs off dust and vibration
- Runs Windows 11 IoT Enterprise seamlessly, giving you a secure, familiar platform with long-term support
- Versatile connectivity means you can hook up legacy VGA displays alongside modern HDMI screens

- Low power consumption keeps your energy bills down and your carbon footprint smaller
- Designed for simple integration into existing systems – just connect, configure, and deploy

Whether you're upgrading a shop-floor terminal or building a new edge computing node, this mini PC delivers the performance you need without the bulk. It's the reliable workhorse that keeps your operations running smoothly, day in and day out.

Why settle for a noisy, oversized tower when a compact, rugged alternative does the job better? The Thinvent Aero Mini PC is the intelligent choice for professionals who value space, durability, and predictable performance.



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	16 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	1.16kg, 1.16kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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	
	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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