



Thinvent Aero Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: AERO-R5_7-16-M1024-19_3-M-11V-0



Powerfully compact, effortlessly capable – the Thinvent Aero Mini PC brings workstation-class performance to the tightest spaces.

Why choose the Aero Mini PC over a traditional tower?

- It frees up valuable desk space while delivering enough processing muscle to handle demanding office applications, data entry systems, and digital signage.
- The AMD Ryzen™ 5 processor ensures smooth multitasking, so your team can run multiple programmes without slowdowns.
- With Windows 11 IoT Enterprise LTSC, you get a stable, long-term platform perfect for industrial environments where reliability matters.

- Plenty of USB ports, including a USB-C on the front, make connecting peripherals and accessories simple – no need for extra hubs.
- Dual-band Wi-Fi keeps your workflow wireless, while the Gigabit Ethernet port offers a rock-solid wired connection when you need it.
- The powder-coated steel and ABS housing is built to last in busy back-office or shop-floor settings.

Ideal for point-of-sale kiosks, thin client setups, and manufacturing floor workstations, the Aero Mini PC is the space-saving, no-compromise solution your business has been searching for. Make the switch to a mini that means business.



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	16 GB
SSD 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
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	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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