



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

2TB SSD

Dual Band WiFi

Without OS

SKU: AERO-I5_14-32-M2048-12_5-M-W-OS-0



Unleash unparalleled power in a compact design.

The Thinvent® Aero Mini PC redefines efficiency, packing desktop-grade performance into a sleek, space-saving form factor. Powered by the Intel® Core™ 5 120U processor, experience a groundbreaking 10 cores with speeds up to 5.0 GHz and a 12 MB cache, ensuring seamless multitasking and lightning-fast responsiveness for all your demanding applications. Paired with a generous 32GB DDR4 RAM and a blazing-fast 512GB SSD, enjoy rapid boot-ups, quick application loading, and effortless handling of memory-intensive tasks.

Exceptional Connectivity

- Visual Output: Drive up to three displays simultaneously with dual HDMI ports and a VGA port for enhanced productivity.
- Network: Stay connected with high-speed Gigabit Ethernet and integrated dual-band Wi-Fi 5 (802.11ac) for robust wireless performance.

- USB Versatility: A comprehensive array includes 2x USB 3.0, 6x USB 2.0 (4 conveniently located on the front), and 1x front USB C port for all your modern and legacy peripherals.
- Audio: Dedicated speaker out and mic in ports are available on both the front and rear for comprehensive audio connectivity.

Designed for Your Needs

This Mini PC comes without an operating system, offering you the flexibility to install your preferred OS and customize your experience. Its ultra-compact dimensions (198mm × 187mm × 40mm) and robust, powder-coated steel and ABS plastic black housing ensure durability and a professional aesthetic in any setting. Powering this powerhouse is a reliable 12V 7A adapter with a 2-metre cable, drawing from a wide 100~275V AC input. Operating within 0°C ~ 35°C and 20% ~ 80% RH, it's built for diverse environments. BIS, RoHS, and ISO certifications provide peace of mind regarding quality and compliance.



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Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	2048 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	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	12 Volts
DC Current	5 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	1.23kg, 1.23kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

Aero-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB		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	
	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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