



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

SKU: AERO-I5_14-16-M512-12_5-X-U-0



Unleash unparalleled performance in a pocket-sized powerhouse.

Introducing the Thinvent® Aero Mini PC, engineered for peak efficiency and robust reliability. This compact marvel delivers desktop-grade performance, perfectly suited for demanding applications in any professional environment.

Key Advantages

- Blazing-fast Processing: Experience lightning-speed operations with the Intel® Core™ 5 120U processor, featuring 10 cores, a rapid 5.0 GHz max frequency, and a generous 12 MB cache. Tackle intensive multitasking and complex computations without a hitch.
- Seamless Multitasking: Equipped with a substantial 32GB DDR4 RAM, the Aero Mini PC ensures smooth, lag-free performance even when running numerous applications simultaneously.
- Instant Boot and Load: The 32GB MLC SSD provides ultra-fast system boot-ups and rapid application loading, keeping your workflow uninterrupted.
- Secure, Stable Connectivity: Prioritizing wired integrity, its Gigabit Ethernet port offers rock-solid, high-speed network access, ideal for environments requiring maximum security and reliability without Wi-Fi.

- Extensive Connectivity: Connect all your essential peripherals and multiple displays with ease, thanks to 2 HDMI ports, 1 VGA, multiple USB 3.0 and USB 2.0 ports (including front access), and a convenient front USB-C. Comprehensive audio jacks ensure clear communication.
- Ubuntu Power: Pre-loaded with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and versatile open-source operating system with a vast software ecosystem.
- Compact & Durable Design: Its sleek, space-saving dimensions (198x187x40mm) and powder-coated steel and ABS housing guarantee durability and a professional aesthetic, fitting perfectly into any workspace.
- Certified Quality: Rest assured with industry-recognized BIS, RoHS, and ISO certifications, affirming its quality, safety, and environmental compliance.

Experience the future of compact computing – powerful, secure, and built to perform.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	512 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
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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	Ubuntu Linux 24.04 LTS
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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
	64 = 64GB DDR4			
SSD	m128 = 128GB		m256 = 256GB	
	m32 = 32GB		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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