



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM

512GB SSD

No WiFi

Without OS

SKU: AERO-I3_13-64-M512-12_5-X-W_OS-0



Thinvent® Aero Mini PC: Powerhouse Performance, Compact Design, Unrivaled Flexibility.

Experience desktop-level power in a sleek, space-saving form factor with the Thinvent® Aero Mini PC. Engineered for professionals and enthusiasts who demand uncompromising performance and reliability, this mini PC redefines efficiency, ready for your custom operating system.

Unleash Blazing Performance

- Powered by the 13th Gen Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz with a 10 MB cache, for seamless multitasking and demanding applications.
- Multitask effortlessly with a massive 64GB DDR4 RAM, ensuring silky-smooth operation even under heavy workloads.
- Benefit from lightning-fast boot times and rapid data access thanks to the 256GB SSD.

Robust Connectivity & Expansion

- Connect all your peripherals with an abundance of ports:

- 2x USB 3.2, 2x USB 2.0 (rear), 4x USB 2.0 (front), 1x Front USB C for unparalleled versatility.

- Dual display support with 1x HDMI and 1x VGA.
- Dedicated audio with 1x Speaker Out, 1x Mic In, 1x Front Speaker Out, 1x Front Mic In.
- Secure, high-speed networking via a 1000 Mbps Ethernet port – ideal for environments prioritizing wired stability, without built-in WiFi.

Designed for Durability & Adaptability

- Its ultra-compact 198mm × 187mm × 40mm dimensions hide a robust steel and ABS plastic housing with a sleek powder-coated black finish.
- Operated by a reliable 12V 7A adapter, with wide input power compatibility (100~275V AC) and a 2-meter cable.
- Ready for your custom setup, this unit comes Without OS, giving you complete freedom to install your preferred operating system.
- Certified for quality and environmental standards including BIS, RoHS, and ISO, operating reliably between 0°C and 35°C.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	64 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	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	1.52kg, 1.52kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE				
Aero-i3_13-[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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