



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

DOS

SKU: AERO-I3_12-32_32-M512-12_7-M-DOS-0



Unleash Mighty Performance in a Miniature Package: Thinvent® Aero Mini PC.

Discover the Thinvent® Aero Mini PC, your ultimate solution for efficient, space-saving computing. Engineered for performance and reliability, this compact powerhouse redefines what a mini PC can do, perfect for office, home, or commercial applications.

Exceptional Performance

- Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores and a blistering max frequency of up to 4.4 GHz with 10 MB cache, ensuring smooth multitasking and rapid application loading.
- Experience lightning-fast boot-ups and responsive computing with a 128GB SSD.
- A robust 4GB DDR4 RAM handles your daily tasks with ease.

Comprehensive Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a gigabit Ethernet port for reliable networking.
- Connect dual displays effortlessly via HDMI and VGA ports.
- An array of USB ports, including 2x USB 3.2, 2x USB 2.0, 4x front USB 2.0, and 1x front USB-C, ensures all your peripherals are accommodated.

- Dedicated front and rear audio jacks provide versatile sound options.

Designed for Durability and Convenience

- Its sleek, powder-coated black housing, crafted from steel and ABS plastic, boasts durability and a professional aesthetic.
- Measuring a mere 198mm × 187mm × 40mm, it integrates seamlessly into any environment.
- Operates reliably between 0°C and 35°C, designed for continuous performance.
- Certified with BIS, RoHS, and ISO standards for quality and safety.

Flexible Operating System

- Comes with FreeDOS, giving you the freedom to install your operating system of choice.

Power and Efficiency

- Runs efficiently on a 12V 7A adapter, supporting a wide AC input range (100~275 Volts) with a 2-metre cable.

This compact marvel delivers robust performance and versatile connectivity, making it the smart choice for modern computing needs.





Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.68kg, 1.68kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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