



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

DOS

SKU: AERO-I3_13-16_16-M512-12_7-M-DOS-0



Unleash compact power: The Thinvent® Aero Mini PC redefines efficiency.

Experience lightning-fast performance and seamless multitasking with the Thinvent® Aero Mini PC. Engineered for demanding workloads, this ultra-compact powerhouse packs a punch far beyond its size.

Core Performance

- An Intel® Core™ i3-1315U processor, featuring 6 cores and a max frequency of 4.5 GHz, delivers exceptional speed and responsiveness for all your applications.
- A generous 10 MB cache ensures rapid data access, keeping your workflow smooth and uninterrupted.

Unrivalled Memory & Storage

- Supercharge your productivity with 32GB DDR4 RAM, enabling effortless multitasking across numerous applications.
- Boot up in seconds and load applications instantly thanks to the high-speed 128GB SSD storage.

Extensive Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) for reliable wireless networking or utilize the lightning-fast 1000 Mbps Ethernet for wired stability.
- Expand your workspace with dual display support via HDMI and VGA ports.

- A comprehensive array of 2x USB 3.2, 2x USB 2.0, 4x front USB 2.0, and 1x front USB C ports ensures unparalleled versatility for all your peripherals.
- Dedicated front and rear audio jacks (speaker out, mic in) provide complete audio control.

Durable & Compact Design

- Housed in a robust, powder-coated black steel and ABS plastic chassis, this mini PC is built to last.
- Its incredibly compact dimensions of 198mm × 187mm × 40mm make it ideal for any desk or mounting scenario, saving valuable space.
- Backed by BIS, RoHS, and ISO certifications, guaranteeing quality, safety, and environmental responsibility.

Flexible Power & Environment

- The included 12V 7A adapter with a 2-meter cable provides flexible placement and reliable power delivery, supporting a wide 100~275V AC input.
- Designed for consistent performance in various office environments, operating efficiently between 0°C and 35°C and 20% to 80% non-condensing humidity.

Operating System Freedom

- Comes with DOS, giving you the freedom to install your preferred operating system.





Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 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
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	1.61kg, 1.61kg

OPERATING SYSTEM

Operating System	FreeDOS
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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

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

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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