



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM

1TB SSD

Dual Band WiFi

DOS

SKU: AERO-I3_13-32-M1024-12_5-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.

Unrivaled 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 x 187mm x 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.





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 | 1024 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 | 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 | FreeDOS |
|------------------|---------|

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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