



# 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)

1TB SSD

Dual Band WiFi

DOS

SKU: AERO-I3\_12-32\_32-M1024-12\_5-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 x 187mm x 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	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
RS485 Option	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	1.59kg, 1.59kg

### OPERATING SYSTEM

---

Operating System	FreeDOS
------------------	---------

## Ordering Information

### PRODUCT CODE

**Aero-i3\_12-[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

**m256** = 256GB

**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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

#### R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

#### Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

