



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 4GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## DOS

## Thinvent Keyboard and Mouse set

SKU: AERO-I3\_12-4-M128-12\_5-M-DOS-KM



### Unleash Peak Performance in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, your gateway to exceptional computing power in an ultra-compact form factor. Designed for efficiency and versatility, this Mini PC redefines what's possible in a small footprint.

#### Processor Power

- Experience lightning-fast responsiveness with the Intel® Core™ i3-1215U processor.
- Featuring 6 cores, it effortlessly handles demanding tasks.
- Reach peak performance with a max frequency of up to 4.4 GHz.
- Benefit from the enhanced efficiency of a 10 MB cache.

#### Massive Memory and Speedy Storage

- Multitask like never before with a massive 64GB of DDR4 RAM.
- Enjoy quick boot times and rapid application loading with a 32GB MLC SSD.

#### Versatile Connectivity

- Connect to any display with HDMI and VGA outputs.
- Easily connect all your peripherals with 2 USB 3.2 ports and 2 USB 2.0 ports.

- Front access provides 4 USB 2.0 ports and 1 USB C port for ultimate convenience.
- Enjoy seamless wired networking with 1000 Mbps Ethernet.
- Stay connected wirelessly with dual-band Wi-Fi 5 (802.11ac).
- Dedicated ports for speaker out and mic in, including front options, ensure clear audio.

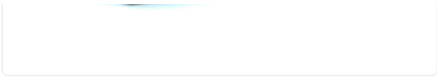
#### Robust and Reliable Design

- Powered by a 12V 7A adapter, compatible with 100~275 Volts AC.
- Built to last with a durable steel and ABS plastic housing, powder-coated in sleek black.
- Operates efficiently within a 0°C ~ 35°C temperature range.
- Certified for quality and safety with BIS, RoHS, and ISO.
- Compact dimensions of 198mm x 187mm x 40mm fit anywhere.

#### Included Peripherals

- Get started immediately with the included Thinvent® Keyboard and Mouse set.
- Comes with FreeDOS, offering a flexible operating system base.





## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	4 GB
SSD Storage	128 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1
RS485 Option	1

### NETWORKING

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

### POWER

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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

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Operating Temperature	0°C ~ 35°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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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	2.10kg, 2.10kg

### ACCESSORIES

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Keyboard and Mouse	1
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### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE	
<b>Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB <b>S32</b> = 32GB MLC <b>S128</b> = 128GB <b>S256</b> = 256GB
<b>Wireless</b>	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
<b>OS</b>	<b>DOS</b> = DOS <b>W_OS</b> = Without OS <b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro <b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard <b>Mo</b> = 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

