



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 8GB DDR4 RAM

## 512GB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I3\_12-8-M512-12\_5-X-U-KM



## Unleash Your Productivity: The Compact Powerhouse.

Introducing the Thinvent® Aero Mini PC, engineered for seamless multitasking and efficient performance in a remarkably small footprint. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores that reach up to 4.4 GHz with 10 MB of cache, this mini PC handles demanding tasks with ease. Experience lightning-fast responsiveness and smooth operation thanks to 32GB of DDR4 RAM and a spacious 512GB SSD for rapid boot times and ample storage.

### Complete Connectivity

- A comprehensive array of ports ensures you can connect all your peripherals: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, 4 Front USB 2.0, and 1 Front USB C.
- Integrated audio solutions include Speaker Out, Mic In, and Front Speaker Out and Front Mic In for clear communication.

- Enjoy robust wired networking with 1000 Mbps Ethernet.

### Designed for Reliability and Simplicity

- This package includes the Thinvent® Keyboard and Mouse set, providing an instant, user-friendly setup.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a stable and versatile operating system.
- The robust steel and ABS plastic housing in a sleek black finish is built to last, measuring a compact 198mm x 187mm x 40mm.
- Operates efficiently with a 12V 7A adapter and supports a wide AC input range (100~275 Volts).
- Certified for quality and safety with BIS, RoHS, and ISO standards.



## 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	8 GB
SSD Storage	512 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
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### 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	Ubuntu Linux 24.04 LTS
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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

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