



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## DOS

SKU: AERO-I3\_13-16-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

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Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	1024 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

### 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	1.52kg, 1.52kg

### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE	
<b>Aero-i3_13-[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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