



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 32GB DDR4 RAM

## 128GB SSD

## No WiFi

## DOS

SKU: AERO-I3\_13-32-S128-12\_5-X-DOS-0



### Thinvent® Aero Mini PC: Compact Power, Unleashed Potential.

Experience robust performance in a miniature footprint with the Thinvent® Aero Mini PC. Engineered for efficiency, this compact powerhouse features the Intel® Core™ i3-1315U processor, boasting 6 cores and speeds up to 4.5 GHz with 10 MB cache, ensuring smooth multitasking and responsive applications. With 16GB DDR4 RAM and a rapid 128GB SSD, boot times are instant and data access is lightning-fast, elevating your productivity.

#### Designed for secure and specialized environments

- Ready for your preferred operating system with FreeDOS pre-installed, offering complete customization.
- Focus on stable wired connectivity with integrated 1000 Mbps Ethernet, making it ideal for POS systems, kiosks, industrial controls, or dedicated server applications where wireless connectivity is undesirable.

#### Comprehensive connectivity for any setup

- Visuals: 1x HDMI, 1x VGA for versatile dual display configurations.
- USB ports: 2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C for all your peripherals.
- Audio: Dedicated Speaker Out and Mic In ports, both front and rear.

Housed in durable, powder-coated steel and ABS plastic, this black mini PC measures just 198mm × 187mm × 40mm, fitting seamlessly into any workspace. It operates reliably within 0°C ~ 35°C and is BIS, RoHS, and ISO certified, guaranteeing quality and compliance. Power is delivered via a robust 12V 7A adapter with a generous 2-meter cable. Unlock tailored performance for your most critical needs.



## 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	32 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

### 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	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>				
RAM	<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			
SSD	<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	
Wireless	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
OS	<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	
Accessories	<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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