



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## No WiFi

## Without OS

SKU: AERO-I3\_13-16-S128-12\_5-X-W\_OS-0



### Thinvent® Aero Mini PC: Powerhouse Performance, Compact Design, Unrivaled Flexibility.

Experience desktop-level power in a sleek, space-saving form factor with the Thinvent® Aero Mini PC. Engineered for professionals and enthusiasts who demand uncompromising performance and reliability, this mini PC redefines efficiency, ready for your custom operating system.

#### Unleash Blazing Performance

- Powered by the 13th Gen Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz with a 10 MB cache, for seamless multitasking and demanding applications.
- Multitask effortlessly with a massive 64GB DDR4 RAM, ensuring silky-smooth operation even under heavy workloads.
- Benefit from lightning-fast boot times and rapid data access thanks to the 256GB SSD.

#### Robust Connectivity & Expansion

- Connect all your peripherals with an abundance of ports:

- 2x USB 3.2, 2x USB 2.0 (rear), 4x USB 2.0 (front), 1x Front USB C for unparalleled versatility.

- Dual display support with 1x HDMI and 1x VGA.
- Dedicated audio with 1x Speaker Out, 1x Mic In, 1x Front Speaker Out, 1x Front Mic In.
- Secure, high-speed networking via a 1000 Mbps Ethernet port – ideal for environments prioritizing wired stability, without built-in WiFi.

#### Designed for Durability & Adaptability

- Its ultra-compact 198mm × 187mm × 40mm dimensions hide a robust steel and ABS plastic housing with a sleek powder-coated black finish.
- Operated by a reliable 12V 7A adapter, with wide input power compatibility (100~275V AC) and a 2-meter cable.
- Ready for your custom setup, this unit comes Without OS, giving you complete freedom to install your preferred operating system.
- Certified for quality and environmental standards including BIS, RoHS, and ISO, operating reliably between 0°C and 35°C.



## 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	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	Without OS
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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	

[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

