



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 64GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: AERO-I3\_13-64-M128-12\_5-M-U-0



### Powerhouse Performance, Palm-Sized Perfection.

Unleash efficiency and reliability with the Thinvent® Aero Mini PC. Engineered for demanding tasks in a compact form factor, this mini PC redefines professional computing, delivering robust performance without compromise.

#### Core Performance

Experience seamless multitasking and rapid processing thanks to the Intel® Core™ i3-1315U processor.

- With 6 cores and a boost frequency of up to 4.5 GHz, tackle complex applications with ease.
- A generous 10 MB cache ensures quick data access for enhanced productivity.
- 8GB DDR4 RAM provides smooth operation, even under heavy workloads.
- Boot up instantly and load applications in a flash with the responsive 128GB SSD.

#### Connectivity & Networking

Stay connected and expand your workspace effortlessly with extensive port options.

- Enjoy versatile display capabilities with 1 HDMI and 1 VGA port.

- Connect all your peripherals with 2 USB 3.2, 2 USB 2.0, 4 convenient front USB 2.0 ports, and a front USB C port.
- Crystal-clear audio is assured with dedicated speaker out and mic in ports, both front and rear.
- Experience ultra-fast internet with 1000 Mbps Ethernet and reliable dual-band Wi-Fi 5 (802.11ac).

#### Operating System & Design

Pre-installed with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and open-source computing environment tailored for efficiency.

- Its ultra-compact dimensions of 198mm × 187mm × 40mm make it perfect for any space-constrained setup.
- The durable steel and ABS plastic housing, finished in sleek powder-coated black, ensures longevity and a professional aesthetic.
- Designed for continuous operation, it comes with a robust 12V 7A adapter and boasts BIS, RoHS, and ISO certifications for peace of mind.



## 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	64 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
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	Ubuntu Linux 24.04 LTS
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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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