



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Without OS

SKU: AERO-I5\_14-64-M512-12\_5-M-W\_OS-0



Unleash unparalleled power in a compact design.

The Thinvent® Aero Mini PC redefines efficiency, packing desktop-grade performance into a sleek, space-saving form factor. Powered by the Intel® Core™ 5 120U processor, experience a groundbreaking 10 cores with speeds up to 5.0 GHz and a 12 MB cache, ensuring seamless multitasking and lightning-fast responsiveness for all your demanding applications. Paired with a generous 32GB DDR4 RAM and a blazing-fast 512GB SSD, enjoy rapid boot-ups, quick application loading, and effortless handling of memory-intensive tasks.

### Exceptional Connectivity

- Visual Output: Drive up to three displays simultaneously with dual HDMI ports and a VGA port for enhanced productivity.
- Network: Stay connected with high-speed Gigabit Ethernet and integrated dual-band Wi-Fi 5 (802.11ac) for robust wireless performance.

- USB Versatility: A comprehensive array includes 2x USB 3.0, 6x USB 2.0 (4 conveniently located on the front), and 1x front USB C port for all your modern and legacy peripherals.
- Audio: Dedicated speaker out and mic in ports are available on both the front and rear for comprehensive audio connectivity.

### Designed for Your Needs

This Mini PC comes without an operating system, offering you the flexibility to install your preferred OS and customize your experience. Its ultra-compact dimensions (198mm x 187mm x 40mm) and robust, powder-coated steel and ABS plastic black housing ensure durability and a professional aesthetic in any setting. Powering this powerhouse is a reliable 12V 7A adapter with a 2-metre cable, drawing from a wide 100~275V AC input. Operating within 0°C ~ 35°C and 20% ~ 80% RH, it's built for diverse environments. BIS, RoHS, and ISO certifications provide peace of mind regarding quality and compliance.



## Specifications

### PROCESSING

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Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	512 GB

### DISPLAY

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HDMI	2
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 3.0	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	1.23kg, 1.23kg

### OPERATING SYSTEM

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Operating System	Without OS
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## Ordering Information

PRODUCT CODE	
<b>Aero-i5_14-[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

