



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 32GB DDR4 RAM

## 256GB SSD

## No WiFi

## Ubuntu Linux

SKU: AERO-I5\_14-32-S256-12\_5-X-U-0



Unleash unparalleled performance in a pocket-sized powerhouse.

Introducing the Thinvent® Aero Mini PC, engineered for peak efficiency and robust reliability. This compact marvel delivers desktop-grade performance, perfectly suited for demanding applications in any professional environment.

### Key Advantages

- Blazing-fast Processing: Experience lightning-speed operations with the Intel® Core™ 5 120U processor, featuring 10 cores, a rapid 5.0 GHz max frequency, and a generous 12 MB cache. Tackle intensive multitasking and complex computations without a hitch.
- Seamless Multitasking: Equipped with a substantial 32GB DDR4 RAM, the Aero Mini PC ensures smooth, lag-free performance even when running numerous applications simultaneously.
- Instant Boot and Load: The 32GB MLC SSD provides ultra-fast system boot-ups and rapid application loading, keeping your workflow uninterrupted.
- Secure, Stable Connectivity: Prioritizing wired integrity, its Gigabit Ethernet port offers rock-solid, high-speed network access, ideal for environments requiring maximum security and reliability without Wi-Fi.

- Extensive Connectivity: Connect all your essential peripherals and multiple displays with ease, thanks to 2 HDMI ports, 1 VGA, multiple USB 3.0 and USB 2.0 ports (including front access), and a convenient front USB-C. Comprehensive audio jacks ensure clear communication.
- Ubuntu Power: Pre-loaded with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and versatile open-source operating system with a vast software ecosystem.
- Compact & Durable Design: Its sleek, space-saving dimensions (198x187x40mm) and powder-coated steel and ABS housing guarantee durability and a professional aesthetic, fitting perfectly into any workspace.
- Certified Quality: Rest assured with industry-recognized BIS, RoHS, and ISO certifications, affirming its quality, safety, and environmental compliance.

Experience the future of compact computing – powerful, secure, and built to perform.



## 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	32 GB
SSD Storage	256 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
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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	1.23kg, 1.23kg

### OPERATING SYSTEM

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Operating System	Ubuntu Linux 24.04 LTS
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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

