



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 64GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_14-64-M1024-12\_5-M-U-KM



Unleash Your Productivity with the Thinvent® Aero Mini PC: Powerhouse Performance in a Compact Design.

Introducing the Thinvent® Aero Mini PC, your ultimate solution for efficient computing. Powered by the Intel® Core™ 5 120U processor, this compact powerhouse delivers exceptional speed and responsiveness for all your daily tasks. Experience seamless multitasking and lightning-fast application launches thanks to its 10 cores, clocking up to 5.0 GHz, and a 12 MB cache.

### Effortless Connectivity and Expansive Options

- Featuring 4GB DDR4 RAM for smooth operation.
- A rapid 128GB SSD ensures quick boot times and swift data access.
- Connect to your displays with 2 HDMI ports and 1 VGA port for versatile setup.
- Enjoy rich audio with 1 Speaker Out and convenient communication with 1 Mic In.
- Front access includes 1 Front Speaker Out and 1 Front Mic In for easy interaction.
- Expand your peripherals with 2 USB 3.0 ports and 2 USB 2.0 ports.

- Get even more connectivity with 4 Front USB 2.0 ports and 1 Front USB C port.
- Experience blazing-fast network speeds with 1000 Mbps Ethernet.
- Stay connected with reliable Dual Band WiFi 5 (802.11ac).

### Designed for Reliability and Durability

- Includes a 12V 7A adapter for stable power.
- Operates efficiently within a 0°C ~ 35°C temperature range.
- Robust steel and ABS plastic housing in a sleek black finish.
- Comes with a pre-installed Ubuntu Linux 24.04 LTS operating system, offering a stable and secure computing environment.
- Enhance your user experience with the included Thinvent® Keyboard and Mouse set.
- Compact dimensions (198mm × 187mm × 40mm) make it ideal for any workspace.
- Certifications include BIS, RoHS, and ISO, ensuring 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	1024 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	1.74kg, 1.74kg

### ACCESSORIES

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Keyboard and Mouse	1
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### OPERATING SYSTEM

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Operating System	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE				
Aero-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
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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