



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 16GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12-16-M512-12\_5-M-U-KM



### Unleash Productivity in a Compact Powerhouse

Thinvent® Aero Mini PC: Unleash the Power of Compact Computing.

Experience unparalleled performance and efficiency with the Thinvent® Aero Mini PC, a sleek and powerful solution designed to elevate your computing experience. Driven by an Intel® Core™ i5-1250P processor, this mini PC boasts 12 cores, reaching speeds of up to 4.4 GHz with a 12 MB cache, ensuring seamless multitasking and lightning-fast responsiveness for demanding applications.

#### Key Performance Features

- 12 Cores for superior multitasking.
- Up to 4.4 GHz max frequency for rapid processing.
- 12 MB cache for efficient data access.
- 16 GB DDR4 RAM for smooth operation.
- 32 GB MLC SSD for rapid boot times and application loading.

#### Connectivity and Versatility

Effortlessly connect your peripherals and displays. The Aero Mini PC features a comprehensive array of ports including HDMI and VGA for dual monitor support, multiple USB 3.2 and 2.0 ports, and a front USB-C for convenience. Enjoy robust network connectivity with Gigabit Ethernet and Dual Band Wi-Fi.

#### Complete With

- Ubuntu Linux 24.04 LTS pre-installed for a stable and secure OS experience.
- Included Thinvent® Keyboard and Mouse set for immediate productivity.
- 12V 7A Adapter ensuring stable power delivery.

Designed for the modern workspace, its compact, powder-coated steel and ABS plastic housing in black (198mm x 187mm x 40mm) fits discreetly anywhere.

#### Built to Last

- Operates reliably in temperatures from 0°C to 35°C.
- Compliant with BIS, RoHS, and ISO certifications for quality and safety.



## Specifications

### PROCESSING

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Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	512 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	2.14kg, 2.14kg

### 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				
<b>Aero-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>				
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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