



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12-16-M1024-12\_5-X-U-KM



### Unleash Your Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, engineered for efficient performance and incredible versatility. This compact marvel is your gateway to seamless multitasking, creative exploration, and essential computing, all within a sleek, space-saving design.

#### Key Performance Features

- Experience lightning-fast responsiveness with the Intel® Core™ i5-1250P processor, featuring 12 cores and a max frequency of 4.4 GHz for demanding tasks.
- Effortlessly manage multiple applications with 8GB of DDR4 RAM.
- Enjoy rapid boot times and swift data access with the 128GB SSD storage.

#### Connectivity and Convenience

- Connect your displays with ease via HDMI and VGA ports.
- Versatile USB connectivity includes 2x USB 3.2, 2x USB 2.0, and 4x Front USB 2.0, plus a convenient Front USB C port.

- Enjoy robust wired networking at 1000 Mbps with the integrated Ethernet port.
- Dedicated speaker out and microphone in ports, including front options, ensure clear audio communication.

#### Built for Reliability and Ease of Use

- Powered by a 12V 7A adapter, designed for energy efficiency.
- Pre-installed with Ubuntu Linux 24.04 LTS for a stable and customizable operating system experience.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- Crafted with a durable steel and ABS plastic housing in a sophisticated black finish.
- Compact dimensions of 198mm x 187mm x 40mm make it ideal for any workspace.

This Mini PC is designed for optimal operation within a 0°C ~ 35°C operating temperature range and 20% ~ 80% non-condensing humidity. With BIS, RoHS, and ISO certifications, you can trust in its quality and compliance.



## 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	1024 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
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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	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

**Aero-i5\_12-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)	<b>8</b> = 8GB DDR4 <b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)	<b>16</b> = 16GB DDR4 <b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)	<b>32</b> = 32GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m512</b> = 512GB <b>S32</b> = 32GB MLC <b>S256</b> = 256GB	<b>m256</b> = 256GB <b>m1024</b> = 1TB <b>S128</b> = 128GB		
<b>Wireless</b>	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
<b>OS</b>	<b>DOS</b> = DOS <b>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux	<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux		
<b>Accessories</b>	<b>0</b> = None <b>MK</b> = Mechanical Keyboard	<b>KM</b> = Keyboard and Mouse set <b>Mo</b> = Wired Optical Scroll Mouse		

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