



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 4GB DDR4 RAM

## 1TB SSD

## No WiFi

## Windows 11 IoT Value

SKU: AERO-I5\_12-4-M1024-12\_5-X-11V-0



Unleash compact power and unwavering reliability for your critical operations.

The Thinvent® Aero Mini PC redefines performance in a small footprint, engineered for unwavering stability and power where it matters most.

### Performance

Powered by an Intel® Core™ i5-1250P processor featuring 12 cores and a turbo frequency of up to 4.4 GHz with 12 MB cache, coupled with 16GB DDR4 RAM, this mini PC effortlessly handles intensive tasks and seamless multitasking. Experience lightning-fast boot-ups and application loading thanks to the responsive 128GB SSD.

### Connectivity & System

**Connect all your essential peripherals with an impressive array of ports**

- Two USB 3.2, six USB 2.0 (four front, two rear), and one front USB-C.

Dual display support through HDMI and VGA offers flexible setup options. Gigabit Ethernet provides ultra-fast, secure wired network access, ideal for environments requiring stable, dedicated connections without WiFi. Running on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Aero Mini PC delivers unparalleled long-term stability and enhanced security for dedicated applications.

### Durability & Design

Its ultra-compact 198mm x 187mm x 40mm design, encased in durable steel and ABS plastic with a professional powder-coated black finish, is built to last in demanding settings. Designed for consistent operation between 0°C and 35°C, it's a robust solution for diverse environments.

### Certifications & Power

Certified with BIS, RoHS, and ISO, it meets stringent quality and environmental standards. The robust 12V 7A adapter with a 2-metre cable and wide 100~275V AC input ensures reliable power delivery across various operating conditions.

Choose the Thinvent® Aero Mini PC for a powerful, secure, and compact solution that won't compromise on performance or reliability.



## 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	4 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	1.62kg, 1.62kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE	
<b>Aero-i5_12-[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

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