



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 8GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 IoT Value

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12-8-M128-12\_5-X-11V-KM



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

Experience unparalleled performance and exceptional value with the Thinvent® Aero Mini PC. Engineered for demanding professional environments, this compact powerhouse redefines efficiency without compromising on capability. Driven by the Intel® Core™ i5-1250P processor, featuring 12 cores that reach up to 4.4 GHz with a 12 MB cache, the Aero Mini PC handles multitasking and intensive applications with effortless grace.

### Massive Memory and Speedy Storage

- Experience seamless operation with a substantial 64GB of DDR4 RAM, allowing you to run multiple applications simultaneously without slowdown.
- Benefit from rapid boot times and quick application loading thanks to the 32GB MLC SSD.

### Versatile Connectivity and Robust Build

- Connect your peripherals and displays with ease through a comprehensive array of ports, including HDMI, VGA, multiple USB 3.2 and USB 2.0 ports (including front-facing options), and a front USB C for modern device compatibility.

- Enjoy reliable wired networking with the integrated 1000 Mbps Ethernet port.
- The durable steel and ABS plastic housing, finished in a sleek black powder coat, ensures longevity.
- Included is a Thinvent® Keyboard and Mouse set for an immediate, ready-to-go solution.

### Reliable and Efficient Operation

- Operating at 12 Volts with a 7 Amp adapter and a 2-meter cable, this PC is designed for stable power delivery.
- Its compact dimensions (198mm x 187mm x 40mm) make it ideal for space-constrained workspaces.
- Engineered for stability, it operates efficiently within a temperature range of 0°C to 35°C and humidity of 20% to 80% RH.
- Certified with BIS, RoHS, and ISO standards for quality assurance.

### Powerful Operating System

- Comes pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a stable and secure platform optimized for commercial and embedded applications.



## 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	8 GB
SSD Storage	128 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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