



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 32GB DDR4 RAM

## 256GB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12L-32-M256-12\_5-X-U-KM



### Engineer Your Digital Operations with Unmatched Reliability.

Introducing the Thinvent® Aero Mini PC, the compact powerhouse built for the demanding industrial environment. Leave consumer-grade hardware behind and deploy a solution designed for continuous, stable performance where it matters most.

#### Built for the Real World

- Experience rock-solid stability for control systems, digital signage, or point-of-sale terminals, free from the bloat and vulnerabilities of common operating systems.

- Connect seamlessly to dual networks or specialised equipment with robust, wired Gigabit connections, ensuring your data flows without interruption.
- Install and forget in tight spaces, thanks to a rugged, fanless metal chassis that withstands dust, vibration, and round-the-clock operation.
- Get straight to work with a complete, professional-grade package that includes a dedicated keyboard and mouse, simplifying your deployment from day one.

Choose the Aero Mini PC for a streamlined, dependable computing core that just works, year after year.



## 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	32 GB
SSD Storage	256 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
Front USB 2.0	4
Front USB C	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2

### 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\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<b>RAM</b>	<b>4</b> = 4GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4	<b>32</b> = 32GB DDR4
	<b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)	<b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)	<b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)	
<b>SSD</b>	<b>m128</b> = 128GB	<b>m256</b> = 256GB	<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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