



# Thinvent Aero Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 8GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Without OS

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_12L-8-M128-12\_5-M-W\_OS-KM



Unleash big performance from an incredibly small footprint. The Thinvent® Aero Mini PC is your powerhouse for demanding industrial applications, delivering reliable computing where space is at a premium.

### Engineered for Real-World Reliability

Forget bulky towers. The Aero's compact, rugged design is built to thrive in challenging environments, from the factory floor to the digital signage network. Its robust construction ensures dependable operation day in, day out.

### Uncompromising Power for Your Operations

- Experience smooth multitasking and rapid data handling, empowering everything from complex process control to detailed data visualisation.
- Dual Gigabit Ethernet ports provide rock-solid, high-speed network connectivity essential for machine communication and network redundancy.

- Versatile connectivity options allow you to seamlessly integrate with a wide array of industrial peripherals and displays.

### Your Customised Industrial Solution

Supplied without an operating system, the Aero offers ultimate flexibility. Install your preferred specialised software or lightweight OS, creating a perfectly tailored solution for your unique workflow. It arrives ready to work with our included keyboard and mouse set.

Deploy a compact, powerful, and adaptable computing core that simply gets the job done. Choose the Thinvent Aero Mini PC.



## 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
Front USB 2.0	4
Front USB C	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2
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	Without OS
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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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