



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 4GB DDR4 RAM

## 512GB SSD

## No WiFi

## Windows 11 IoT Value

SKU: AERO-I5\_14-4-M512-12\_5-X-11V-0



### Unleash Compact Power. Unrivalled Performance for Your Business.

Introducing the Thinvent® Aero Mini PC, your ultimate solution for robust, high-performance computing in a compact form factor. Engineered for demanding industrial, embedded, and specialized applications, this mini PC delivers exceptional speed and reliability where it matters most.

#### Powerful Performance

- At its heart lies an Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a substantial 12 MB cache, ensuring seamless multitasking and lightning-fast processing for critical operations.
- Paired with 8GB DDR4 RAM, you'll experience smooth application execution and responsive performance.
- The 32GB MLC SSD guarantees rapid boot-ups and quick access to essential data, perfect for dedicated system deployments.

#### Versatile Connectivity

- Expand your workspace with triple display support via two HDMI ports and one VGA port.

- Connect all your peripherals with ease using a rich array of USB ports, including 2x USB 3.0, 6x USB 2.0 (4 front, 2 rear), and a modern front USB C port.
- Enjoy stable, high-speed network connectivity with a dedicated 1000 Mbps Ethernet port, ideal for secure wired environments.

#### Built for Business

- Running on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Aero Mini PC offers a secure, stable, and long-term supported platform tailored for specialized tasks.
- Its durable steel and ABS plastic housing, finished in powder-coated black, ensures longevity in diverse operating environments.
- With compact dimensions of 198mm x 187mm x 40mm, it integrates seamlessly into any setup.
- Certified with BIS, RoHS, and ISO, guaranteeing quality, safety, and environmental responsibility.

Experience the perfect blend of power, reliability, and compact design with the Thinvent® Aero Mini PC, engineered to drive your success.



## Specifications

### PROCESSING

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Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	512 GB

### DISPLAY

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HDMI	2
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 3.0	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	1.23kg, 1.23kg

### 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_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>				
RAM	<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			
SSD	<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	
Wireless	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
OS	<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	
Accessories	<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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