



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_14-64-M512-12\_5-M-11V-KM



Unleash Powerful Productivity in a Compact Form: The Thinvent® Aero Mini PC.

Experience unparalleled performance and efficiency with the Thinvent® Aero Mini PC. Powered by the cutting-edge Intel® Core™ 5 120U processor, featuring 10 cores reaching up to 5.0 GHz with a 12 MB cache, this compact powerhouse handles demanding tasks with effortless speed and responsiveness. Enjoy seamless multitasking and lightning-fast application loading thanks to 8GB of DDR4 RAM and a speedy 512GB SSD.

### Connectivity and Versatility

- Dual HDMI and one VGA port offer flexible multi-display setups.
- Ample USB ports (2x USB 3.0, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C) ensure all your peripherals are accommodated.
- Integrated 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) provide reliable and high-speed network connections.
- Dedicated audio jacks for speaker out and mic in, including front options, simplify audio integration.

### Built for Reliability and Ease of Use

The robust steel and ABS plastic housing in a sleek black powder-coated finish provides durability. Operating within a 0°C ~ 35°C temperature range and 20% ~ 80% non-condensing humidity, it's designed for diverse environments. The included Thinvent® keyboard and mouse set, along with a 2-meter 12V 7A adapter, makes setup a breeze.

### Intelligent Operating System

Comes pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a secure, stable, and streamlined experience optimized for commercial and industrial applications.

### Compact Powerhouse Dimensions

- 198mm x 187mm x 40mm

### Certifications for Peace of Mind

- BIS
- RoHS
- ISO



## 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	64 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
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	1.74kg, 1.74kg

### 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_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
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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