



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 64GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 Pro

SKU: AERO-I5\_14-64-ST28-12\_5-X-11P-0



Unleash unparalleled performance in a mini footprint.

### Introducing the Thinvent® Aero Mini PC

Experience desktop power without the bulk. Engineered for professionals and demanding environments, this compact powerhouse delivers exceptional speed and reliability, all running on Windows 11 Pro.

#### Core Performance

- Harness the incredible power of a 10-core Intel® Core™ 5 120U processor, boosting frequencies up to 5.0 GHz with a generous 12 MB cache for seamless multitasking and rapid data processing.

#### Memory and Storage

- Experience unparalleled multitasking with a colossal 64GB DDR4 RAM, ensuring applications run smoothly even under heavy loads.
- Benefit from lightning-fast boot-ups and application loading thanks to the speedy 128GB SSD.

#### Connectivity and Displays

- Drive multiple displays with two HDMI ports and one VGA port, perfect for expanded workstations.
- Connect all your peripherals with a comprehensive array of USB ports, including 2x USB 3.0, 6x USB 2.0 (2 rear, 4 front), and a versatile front USB C port.

- Enjoy rock-solid, high-speed networking through its 1000 Mbps Ethernet port, optimized for environments requiring maximum stability and security without wireless vulnerabilities.
- Versatile audio options with dedicated front and rear speaker out and mic in ports.

#### Operating System and Design

- Pre-installed with Windows 11 Pro, you get advanced security, productivity features, and a modern user experience.
- Its ultra-compact 198mm x 187mm x 40mm design, encased in durable powder-coated steel and ABS plastic, effortlessly integrates into any workspace.

#### Reliability and Certification

- Built for continuous operation (0°C ~ 35°C, 20% ~ 80% RH non-condensing) and backed by BIS, RoHS, and ISO certifications for quality and safety.

#### Power Efficiency

- Powered by an efficient 12V 7A adapter with wide 100~275V AC input compatibility and a 2-meter cable for flexible placement.



## 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	128 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 Pro
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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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