



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 8GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Thinix Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I5\_14-8-M1024-12\_5-M-THINUX-KM



### Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, your ultimate solution for efficient and versatile computing. This sleek, space-saving device packs a punch with its Intel® Core™ 5 120U processor, boasting 10 cores and reaching up to 5.0 GHz for lightning-fast performance. Experience seamless multitasking with 8GB of DDR4 RAM and rapid data access thanks to the 512GB SSD.

#### Key Specifications

- Processor: Intel® Core™ 5 120U (10 cores, up to 5.0 GHz, 12 MB cache)
- Memory: 8GB DDR4 RAM
- Storage: 512GB SSD
- Display Outputs: 2 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In (Front: 1 Speaker Out, 1 Mic In)
- Connectivity: 2 USB 3.0, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C, 1000 Mbps Ethernet
- Wireless: Dual Band Wi-Fi 5 (802.11ac)
- Power: 12V 7A Adapter (100~275 Volts AC input)

#### Included Accessories and Software

- Thinvent® Keyboard and Mouse set
- Thinix™ Embedded Linux Operating System: Optimized for performance and security.
- Enhanced Browser Capabilities: Chromium and Mozilla Firefox browsers.
- Robust Remote Access: RDP 10 (RemoteFX, H.264/AVC), Putty and SSH, Browser-based remote management, VNC shadowing.
- Versatile Application Support: Java, Python, glibc, LibreOffice, PDF viewer, Multimedia player with MPEG4.
- Advanced Communication: SIP video and voice over IP.

Designed for reliability and efficiency, the Aero Mini PC features a durable steel and ABS plastic housing in a sophisticated black finish. Its compact dimensions (198mm × 187mm × 40mm) make it ideal for any workspace. With certifications like BIS, RoHS, and ISO, you can trust in its quality and environmental compliance. Perfect for office, education, or specialized deployments.



## 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	8 GB
SSD Storage	1024 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## 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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