



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: AERO-I5\_14-16-M1024-12\_5-M-U-0



Thinvent® Aero Mini PC: Unleash Compact Power, Uncompromised Performance.

Experience desktop-grade power in a sleek, compact form factor with the Thinvent® Aero Mini PC. Engineered for speed and efficiency, this powerhouse is designed to handle your most demanding tasks with ease, making it perfect for office, home, or specialized applications.

### Unrivaled Performance

- At its heart lies the Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache, ensuring lightning-fast responsiveness and seamless multitasking.
- Paired with a massive 32GB DDR4 RAM, you can effortlessly run multiple applications, edit large files, and switch between tasks without a hint of slowdown.
- Boot up in seconds and access your files at incredible speeds thanks to the 512GB SSD, providing ample storage for your essential data.

### Empowering Operating System

- Pre-installed with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and user-friendly computing experience. Benefit from open-source flexibility, robust privacy features, and freedom from licensing costs.

### Seamless Connectivity

- Drive multiple displays for enhanced productivity or immersive entertainment with two HDMI and one VGA output.
- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a rapid 1000 Mbps Ethernet port.
- A comprehensive array of USB ports – including two USB 3.0, six USB 2.0, and a convenient front USB-C – ensures all your peripherals are easily accommodated, complemented by a complete audio solution.

### Designed for Durability

- Housed in a robust black powder-coated steel and ABS plastic casing (198mm × 187mm × 40mm), the Aero Mini PC is built to last.
- BIS, RoHS, and ISO certifications guarantee quality, safety, and environmental responsibility, ensuring reliable performance in typical operating environments.

Grab yours today and redefine your computing experience.



## 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	16 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	1.23kg, 1.23kg

### OPERATING SYSTEM

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Operating System	Ubuntu Linux 24.04 LTS
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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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