



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 64GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## DOS

SKU: AERO-I3\_12-64-M1024-12\_5-M-DOS-0



Unleash Mighty Performance in a Miniature Package: Thinvent® Aero Mini PC.

Discover the Thinvent® Aero Mini PC, your ultimate solution for efficient, space-saving computing. Engineered for performance and reliability, this compact powerhouse redefines what a mini PC can do, perfect for office, home, or commercial applications.

### Exceptional Performance

- Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores and a blistering max frequency of up to 4.4 GHz with 10 MB cache, ensuring smooth multitasking and rapid application loading.
- Experience lightning-fast boot-ups and responsive computing with a 128GB SSD.
- A robust 4GB DDR4 RAM handles your daily tasks with ease.

### Comprehensive Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a gigabit Ethernet port for reliable networking.
- Connect dual displays effortlessly via HDMI and VGA ports.
- An array of USB ports, including 2x USB 3.2, 2x USB 2.0, 4x front USB 2.0, and 1x front USB-C, ensures all your peripherals are accommodated.

- Dedicated front and rear audio jacks provide versatile sound options.

### Designed for Durability and Convenience

- Its sleek, powder-coated black housing, crafted from steel and ABS plastic, boasts durability and a professional aesthetic.
- Measuring a mere 198mm x 187mm x 40mm, it integrates seamlessly into any environment.
- Operates reliably between 0°C and 35°C, designed for continuous performance.
- Certified with BIS, RoHS, and ISO standards for quality and safety.

### Flexible Operating System

- Comes with FreeDOS, giving you the freedom to install your operating system of choice.

### Power and Efficiency

- Runs efficiently on a 12V 7A adapter, supporting a wide AC input range (100~275 Volts) with a 2-metre cable.

This compact marvel delivers robust performance and versatile connectivity, making it the smart choice for modern computing needs.





## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	1024 GB

### DISPLAY

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HDMI	1
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 3.2	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1
RS485 Option	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	1.59kg, 1.59kg

### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE				
Aero-i3_12-[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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