



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: AERO-I3\_12-16-M1024-12\_5-M-U-0



### Compact Power, Limitless Possibilities.

Experience unparalleled performance and incredible efficiency with the Thinvent® Aero Mini PC, a compact powerhouse designed for the modern workspace. This mini PC delivers robust computing power in an ultra-small form factor, perfect for decluttering your desk without compromising on speed or reliability.

#### Performance That Powers Your Day

- Unleash dynamic computing with the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz, ensuring seamless multitasking and swift application execution.
- Benefit from 8GB DDR4 RAM for fluid operation and a lightning-fast 1TB SSD, providing instant boot-ups and ample storage for all your critical data.

#### Smart Software, Seamless Experience

- Enjoy the stability and security of Ubuntu Linux 24.04 LTS pre-installed, offering a powerful, open-source operating system with long-term support and no licensing fees.

#### Connectivity for Every Need

- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a rapid 1000 Mbps Gigabit Ethernet port.
- Expand your workspace with dual display support via HDMI and VGA.
- Access a comprehensive array of ports including 2x USB 3.2, 6x USB 2.0 (4 front), 1x Front USB C, plus dedicated audio input and output for versatile peripheral connections.

#### Compact Design, Robust Build

- Its sleek black housing, crafted from durable steel and ABS plastic with a powder-coated finish, measures a mere 198mm x 187mm x 40mm, fitting discreetly into any environment.
- Powered by an energy-efficient 12V 7A adapter with a wide AC input range, the Aero Mini PC is built for continuous, reliable operation.
- Trust in quality with BIS, RoHS, and ISO certifications, ensuring environmental compliance and manufacturing excellence.



## 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	16 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	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE				
<b>Aero-i3_12-[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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