



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 4GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 IoT Value

SKU: AERO-I3\_12-4-M128-12\_5-X-11V-0



### Unleash Unrivaled Performance in a Compact Powerhouse.

Introducing the Thinvent® Aero Mini PC, an engineering marvel designed for demanding commercial and industrial applications where reliability, speed, and security are paramount. This mini PC packs formidable power into an ultra-durable chassis, ensuring seamless operation in critical environments.

#### Core Performance

- Experience exceptional responsiveness with the Intel® Core™ i3-1215U processor, featuring 6 cores and a boost frequency up to 4.4 GHz, backed by a generous 10 MB cache.
- Multitask without limits thanks to an impressive 64GB DDR4 RAM, perfect for heavy workloads and virtualized environments.
- Enjoy rapid boot times and quick application loading from the integrated 128GB SSD, delivering consistent performance.

#### Operating System and Security

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, this system offers enhanced security, long-term support, and tailored stability for embedded and dedicated solutions.

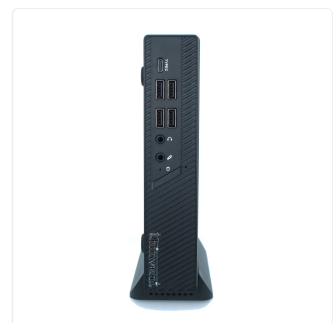
- Prioritize unwavering connectivity with gigabit Ethernet, ensuring secure and stable wired network performance without wireless vulnerabilities.

#### Extensive Connectivity

- Connect all your peripherals with ease via 2x USB 3.2, 2x USB 2.0, 4x front USB 2.0, and 1x front USB C ports.
- Drive dual displays simultaneously with 1x HDMI and 1x VGA outputs.
- Integrated audio includes speaker out, mic in, front speaker out, and front mic in for comprehensive audio support.

#### Built to Last

- Housed in a robust steel and ABS plastic chassis with a professional black powder-coated finish, the Aero Mini PC is built for durability.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and environmental compliance.
- Its ultra-compact 198mm × 187mm × 40mm dimensions ensure it fits discreetly into any setup.



## 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	4 GB
SSD Storage	128 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
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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	1.59kg, 1.59kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE	
<b>Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<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
<b>SSD</b>	<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
<b>Wireless</b>	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
<b>OS</b>	<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
<b>Accessories</b>	<b>0</b> = None <b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

### R&D and Manufacturing

#11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

### Sales

UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

