



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

64GB DDR4 RAM (2 x 32GB)

## 128GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: AERO-I3\_12L-32\_32-M128-12\_7-M-11V-0



The Power of a Desktop, the Footprint of a Notepad: Meet the Thinvent Aero Mini PC. This discreet powerhouse is designed to slip silently into any environment and run your critical operations day in, day out.

### Why it's the smart choice for business

#### Unseen Reliability

Built from robust steel with a professional finish, the Aero is engineered for 24/7 duty in demanding settings like digital signage, kiosks, or factory floors. Its efficient design runs cool and quiet, ensuring continuous operation without distracting noise or downtime.

#### Connectivity at its Core

With dual Gigabit LAN ports and comprehensive wireless connectivity, this mini PC seamlessly integrates into your existing network. It's the perfect hub for point-of-sale systems, thin clients, or control panels, keeping all your devices and data streams connected without clutter.

### Simplified Management

Pre-loaded with a streamlined Windows 11 IoT operating system, it delivers a secure, stable, and manageable platform. Deploy it across your enterprise with confidence, knowing you have a consistent and easy-to-maintain endpoint that just works.

### Ready for Anything

From driving multiple displays in a retail window to operating as a compact server in a tight telecom cabinet, the Aero's versatile I/O panel and compact form factor let you deploy big computing power exactly where you need it most.



## 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	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
Front USB 2.0	4
Front USB C	1
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

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DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.68kg, 1.68kg

### OPERATING SYSTEM

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

### PRODUCT CODE

**Aero-i3\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

#### RAM

**4** = 4GB DDR4

**8** = 8GB DDR4

**16** = 16GB DDR4

**32** = 32GB DDR4

**32\_32** = 64GB  
DDR4 RAM (2 x  
32GB)

**16\_16** = 32GB  
DDR4 RAM (2 x  
16GB)

**8\_8** = 16GB DDR4  
RAM (2 x 8GB)

#### SSD

**m128** = 128GB

**m512** = 512GB

**S32** = 32GB MLC

**S256** = 256GB

**m256** = 256GB

**m1024** = 1TB

**S128** = 128GB

#### Wireless

**m** = Dual Band WiFi

**X** = No WiFi

#### OS

**DOS** = DOS

**11V** = Windows 11 IoT Value

**Thinix** = Thinix™ Embedded Linux

**W\_OS** = Without OS

**11P** = Windows 11 Pro

**U** = Ubuntu Linux

#### Accessories

**0** = None

**MK** = Mechanical Keyboard

**KM** = Keyboard and Mouse set

**Mo** = 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

