



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)

512GB SSD

No WiFi

Ubuntu Linux

SKU: AERO-I3_12L-32_32-M512-12_5-X-U-0



Power Through Your Day, Unseen and Uncompromising.

Engineered for the Demands of Industry

In environments where every second counts and reliability is non-negotiable, the Thinvent Aero Mini PC delivers steadfast performance. This compact powerhouse is designed to disappear into your setup, driving digital signage, point-of-sale systems, or kiosks with silent, efficient authority. Its dual Ethernet capability ensures robust and dependable network connectivity, perfect for control applications or network monitoring tasks.

Built for Purpose-Driven Performance

- Experience smooth operation for everyday business applications, from inventory management to customer information displays, without the bulk of a traditional tower.

- Benefit from a stable and secure Ubuntu Linux foundation, offering a streamlined platform free from unnecessary bloat.
- Rely on its rugged, industrial-grade construction to perform consistently in a variety of settings, from shop floors to office backrooms.
- Simplify installations and reduce clutter with its versatile, space-saving design that fits almost anywhere.

Choose the Thinvent Aero Mini PC for a focused, dependable computing solution that works tirelessly behind the scenes, empowering your business operations day in and day out.



Specifications

PROCESSING

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	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2	2
Front USB 2.0	4
Front USB C	1
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

POWER

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

Operating Temperature	0°C ~ 35°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

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

Operating System	Ubuntu Linux 24.04 LTS
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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

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