



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_13-8_8-M512-12_5-M-U-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, engineered for exceptional performance and versatile usability. Experience seamless multitasking and lightning-fast responsiveness powered by the Intel® Core™ i3-1315U processor, boasting 6 cores that reach up to 4.5 GHz with a 10 MB cache. Dive into demanding applications and large datasets with a massive 64GB of DDR4 RAM. The speedy 128GB SSD ensures rapid boot times and quick file access.

Key Specifications

- Processor: Intel® Core™ i3-1315U (6 Cores, up to 4.5 GHz, 10 MB Cache)
- Memory: 64GB DDR4 RAM
- Storage: 128GB SSD
- Operating System: Ubuntu Linux 24.04 LTS

Connectivity and Peripherals

- Display Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In
- USB Ports: 2 USB 3.2, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C
- Networking: 1000 Mbps Ethernet, Dual Band Wi-Fi 5 (802.11ac)
- Included: Thinvent® Keyboard and Mouse set

Built for Reliability and Efficiency

This compact PC, measuring just 198mm × 187mm × 40mm, features a durable steel and ABS plastic housing in a sleek black, powder-coated finish. It operates reliably within a 0°C ~ 35°C temperature range and 20% ~ 80% humidity. The efficient 12V 7A adapter and robust 100~275 Volts AC power input ensure stable operation. Certifications include BIS, RoHS, and ISO, underscoring its quality and compliance.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 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
USB 2.0	2
Front USB 2.0	4
Front USB C	1

NETWORKING

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

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	2.04kg, 2.04kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

Aero-i3_13-[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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