



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

256GB SSD

No WiFi

Ubuntu Linux

SKU: AERO-I3_13-16-S256-12_5-X-U-0



Experience compact power and unwavering reliability with Thinvent Aero Mini PC.

Unleash Your Potential

Step into efficient computing with the Thinvent® Aero Mini PC. Powered by the Intel® Core™ i3-1315U processor, featuring 6 cores and speeds up to 4.5 GHz, this mini powerhouse delivers exceptional performance for daily tasks. Its 10 MB cache ensures smooth multitasking.

Seamless Performance

With 16GB DDR4 RAM and a lightning-fast 256GB SSD, the Aero Mini PC offers quick boot times and a responsive user experience. Pre-installed with Ubuntu Linux 24.04 LTS, it provides a secure, stable, and open-source operating environment, ideal for developers and businesses seeking a powerful, cost-effective platform.

Robust Connectivity & Security

Ideal for environments prioritizing stability and security, it features no WiFi, relying on a rock-solid 1000 Mbps Ethernet for secure, consistent networking. Connect multiple displays via HDMI and VGA. A comprehensive array of USB ports –

- 2x USB 3.2
- 2x USB 2.0
- 4x front USB 2.0
- a front USB C

accommodates all your peripherals. Dedicated front and rear speaker out and mic in ports provide versatile audio options.

Designed for Durability

Its durable steel and ABS plastic housing, with a sleek black powder-coated finish, is built to last. Ultra-compact at 198mm × 187mm × 40mm, it integrates seamlessly into any workspace. BIS, RoHS, and ISO certified, it meets high standards for quality and safety. Reliable operation from 0°C to 35°C.



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	256 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
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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	1.52kg, 1.52kg

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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