



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

No WiFi

Without OS

SKU: AERO-I3_13-16_16-M128-12_7-X-W_OS-0



Thinvent® Aero Mini PC: Powerhouse Performance, Compact Design, Unrivalled Flexibility.

Experience desktop-level power in a sleek, space-saving form factor with the Thinvent® Aero Mini PC. Engineered for professionals and enthusiasts who demand uncompromising performance and reliability, this mini PC redefines efficiency, ready for your custom operating system.

Unleash Blazing Performance

- Powered by the 13th Gen Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz with a 10 MB cache, for seamless multitasking and demanding applications.
- Multitask effortlessly with a massive 64GB DDR4 RAM, ensuring silky-smooth operation even under heavy workloads.
- Benefit from lightning-fast boot times and rapid data access thanks to the 256GB SSD.

Robust Connectivity & Expansion

- Connect all your peripherals with an abundance of ports:

- 2x USB 3.2, 2x USB 2.0 (rear), 4x USB 2.0 (front), 1x Front USB C for unparalleled versatility.

- Dual display support with 1x HDMI and 1x VGA.

- Dedicated audio with 1x Speaker Out, 1x Mic In, 1x Front Speaker Out, 1x Front Mic In.

- Secure, high-speed networking via a 1000 Mbps Ethernet port – ideal for environments prioritizing wired stability, without built-in WiFi.

Designed for Durability & Adaptability

- Its ultra-compact 198mm × 187mm × 40mm dimensions hide a robust steel and ABS plastic housing with a sleek powder-coated black finish.
- Operated by a reliable 12V 7A adapter, with wide input power compatibility (100~275V AC) and a 2-meter cable.
- Ready for your custom setup, this unit comes Without OS, giving you complete freedom to install your preferred operating system.
- Certified for quality and environmental standards including BIS, RoHS, and ISO, operating reliably between 0°C and 35°C.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	128 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	7 Amps
Power Input	100~275 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	1.61kg, 1.61kg

OPERATING SYSTEM

Operating System	Without OS
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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

www.thinvent.insales@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

