



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12-16_16-M512-12_5-X-W_OS-KM



Unleash Productivity with the Ultra-Compact Thinvent® Aero Mini PC

Experience powerful performance in an incredibly small footprint. The Thinvent® Aero Mini PC is engineered for efficiency, fitting seamlessly into any workspace.

Key Processor Power

- Intel® Core™ i3-1215U processor boasts 6 cores, reaching up to 4.4 GHz with a 10 MB cache, delivering swift multitasking and responsive operation.

Essential Memory and Storage

- 4GB DDR4 RAM ensures smooth application handling.
- A speedy 128GB SSD provides rapid boot times and quick access to your files.

Extensive Connectivity

- Versatile ports include 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, and 1 front USB C for all your peripheral needs.

- Dedicated front speaker out and mic in, plus 4 front USB 2.0 ports, enhance user convenience.
- A 1000 Mbps Ethernet port guarantees reliable network access.

Designed for Convenience

- Powered by a 12V 7A adapter with a 2-meter cable.
- Operates efficiently within a 0°C ~ 35°C temperature range and 20% ~ 80% humidity.
- Durable steel and ABS plastic housing in a sleek black finish.
- Compact dimensions (198mm × 187mm × 40mm) save valuable desk space.
- Includes a Thinvent® Keyboard and Mouse set for an immediate setup.
- No WiFi and Without OS allow for personalized software configuration.
- Certifications: BIS, RoHS, ISO.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 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
RS485 Option	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	2.10kg, 2.10kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
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

