



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

4GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12-4-M1024-12_5-X-11V-KM



Powerhouse Performance, Palm-Sized Perfection.

Unleash efficiency with the Thinvent® Aero Mini PC, a compact computing marvel engineered for demanding professional environments. Designed for relentless performance and rock-solid reliability, it's the ultimate solution for optimizing your workspace without compromise.

Performance at its Core

Experience lightning-fast responsiveness and seamless multitasking with

- An Intel® Core™ i3-1215U processor featuring 6 cores and burst speeds up to 4.4 GHz, backed by a generous 10 MB cache.
- A massive 32GB DDR4 RAM ensures smooth operation across all your applications.
- A blazing-fast 512GB SSD provides rapid boot-ups and instant access to your data.

Robust Connectivity

Connect with confidence thanks to a comprehensive array of ports, ensuring maximum compatibility with all your peripherals and displays.

- Visual Outputs: 1x HDMI, 1x VGA

- Audio Connections: Speaker Out, Mic In, Front Speaker Out, Front Mic In
- USB Ports: 2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C
- Network: Gigabit Ethernet for reliable 1000 Mbps wired connectivity.

Built for Business

The Aero Mini PC boasts a durable steel and ABS plastic housing with a sleek black, powder-coated finish, built to withstand daily use. Its incredibly compact dimensions (198mm x 187mm x 40mm) ensure it fits discreetly into any setup.

- Operating System: Pre-installed with Windows 11 IoT Enterprise LTSC 2024 Value, offering long-term stability and specialized features.
- Included Peripherals: A complete Thinvent® Keyboard and Mouse set gets you started immediately.
- Power: Efficient 12V 7A operation, with a universal 100~275V AC power input for global compatibility and a 2-meter cable length.
- Certifications: BIS, RoHS, and ISO certified for peace of mind.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	4 GB
SSD Storage	1024 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

Aero-i3_12-[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

m256 = 256GB

m512 = 512GB

m1024 = 1TB

S32 = 32GB MLC

S128 = 128GB

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

W_OS = Without OS

11V = Windows 11 IoT Value

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

U = Ubuntu Linux

Accessories

0 = None

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

Mo = Wired Optical Scroll Mouse

www.thinvent.in

sales@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

