



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-8-M2048-12_7-M-11P-KM



Unleash Productivity with the Powerhouse Thinvent® Aero Mini PC

Experience unparalleled desktop performance in a compact, space-saving design. The Thinvent® Aero Mini PC is engineered to deliver exceptional speed and efficiency for all your computing needs.

Processor Power

- Powered by an Intel® Core™ i5-1250P processor.
- Features 12 cores for robust multitasking.
- Achieves speeds up to 4.4 GHz for lightning-fast operations.
- Boasts a 12 MB cache for rapid data access.

Memory and Storage

- Comes equipped with 16GB DDR4 RAM for seamless multitasking.
- Includes a speedy 512GB SSD for quick boot times and application loading.

Connectivity and Peripherals

- Versatile display options with HDMI and VGA ports.
- Comprehensive audio support with Speaker Out and Mic In ports, including front-facing options.

- Plenty of ports for your devices: 2 x USB 3.2, 2 x USB 2.0, 4 x Front USB 2.0, and 1 x Front USB C.
- Ultra-fast 1000 Mbps Ethernet for stable wired connections.
- Stay connected with Dual Band WiFi (802.11ac).
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.

Built for Performance and Durability

- Operates on a 12V 7A adapter, with a versatile 100~275 Volts AC power input.
- Designed for reliability with a robust steel and ABS plastic housing, powder-coated in black.
- Compact dimensions of 198mm x 187mm x 40mm make it ideal for any workspace.
- Certified for quality and safety (BIS, RoHS, ISO).

Seamlessly integrated Microsoft Windows 11 Pro ensures a modern and secure computing experience.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	2048 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	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	2.23kg, 2.23kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

Aero-i5_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

m512 = 512GB

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded 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

