



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: AERO-I3_12-16-S256-12_5-M-11P-0



Experience desktop power without the desktop bulk.

The Thinvent® Aero Mini PC redefines compact computing, delivering robust performance in an incredibly sleek and space-saving design. Perfect for home, office, or dedicated workstations, this mini PC packs a punch, ensuring seamless productivity and efficient multitasking.

Unrivalled Performance

- Powered by the Intel® Core™ i3-1215U processor with 6 cores and up to 4.4 GHz, experience rapid response times and smooth handling of your daily tasks.
- With 4GB DDR4 RAM and a lightning-fast 512GB SSD, boot-ups are instantaneous, and applications load in a flash, keeping you productive.

Seamless Connectivity & Versatility

- Stay connected with integrated Dual Band Wi-Fi 5 (802.11ac) and a rapid 1000 Mbps Ethernet port.
- Expand your workspace with dual display support via HDMI and VGA.

- A comprehensive array of ports, including 2x USB 3.2, 2x USB 2.0 (rear), 4x USB 2.0 (front), and 1x Front USB C, ensures all your peripherals are easily accommodated.
- Dedicated audio ports for speaker out and mic in provide complete multimedia capabilities.

Professional Grade & Ultra-Compact Design

- Running on Windows 11 Pro, benefit from enhanced security features and a modern, intuitive interface.
- Its ultra-compact dimensions (198mm × 187mm × 40mm) and durable steel and ABS plastic housing with a powder-coated black finish blend seamlessly into any environment.
- Built for reliability and certified with BIS, RoHS, and ISO standards, the Aero Mini PC is a testament to quality.

This powerful, versatile, and energy-efficient mini PC is ready to transform your workspace.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	1.59kg, 1.59kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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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

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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