



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)

2TB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12-16_16-M2048-12_7-M-11V-KM



Unleash Productivity, Redefine Space: The Thinvent® Aero Mini PC.

Experience unparalleled performance and compact design with the Thinvent® Aero Mini PC. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores with a turbo boost up to 4.4 GHz and 10 MB cache, this Mini PC effortlessly handles demanding tasks. Multitask with ease thanks to a massive 64GB of DDR4 RAM, and enjoy lightning-fast boot times and application loading with a spacious 1TB SSD.

Seamless Connectivity

- Versatile display options with 1 HDMI and 1 VGA port.
- Comprehensive audio support with Speaker Out and Mic In, including dedicated front ports.
- A generous array of USB ports: 2 USB 3.2, 2 USB 2.0, 4 front USB 2.0, and 1 front USB C for all your peripherals.
- High-speed 1000 Mbps Ethernet for reliable wired connections.
- Stay connected with dual-band Wi-Fi 5 (802.11ac).

Built for Reliability and Efficiency

- Robust 12V 7A adapter ensures stable power.
- Operates efficiently within a 0°C ~ 35°C temperature range and 20% ~ 80% non-condensing humidity.
- Certified for safety and environmental compliance with BIS, RoHS, and ISO.
- Compact dimensions of 198mm × 187mm × 40mm fit discreetly into any workspace.
- Durable steel and ABS plastic housing with a sleek black powder-coated finish.

Complete Workspace Solution

- Includes a Thinvent® keyboard and mouse set for immediate productivity.
- Runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for business environments.

Elevate your computing experience with the Thinvent® Aero Mini PC – powerful, compact, and complete.



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	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
RS485 Option	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	2.20kg, 2.20kg

ACCESSORIES

Keyboard and Mouse	1
--------------------	---

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
------------------	---

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**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 Mousewww.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

