



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12L-16-M512-12_5-X-U-KM



Power Through Your Day with Unshakeable Reliability.

Meet the Thinvent® Aero Mini PC: a compact powerhouse engineered to deliver robust, dependable performance for your business-critical operations. It's built to thrive where others falter, ensuring your digital signage, kiosk, or production line interface keeps running smoothly.

Why the Aero is Your Smart Choice

- Unmatched Reliability for Demanding Environments: Its solid-state design and industrial-grade construction shrug off dust and heat, providing steadfast operation in retail, light industrial, or office settings.
- Streamlined Digital Workhorses: Effortlessly drive multiple displays for information points or manage point-of-sale systems with consistent, lag-free performance.

- Rock-Solid Wired Connectivity: Dual Gigabit Ethernet ports ensure a fast, stable, and secure network connection, perfect for networked applications where wireless signals can't be trusted.
- Ready for Action Straight Out of the Box: Arrives with a trusted, secure Ubuntu Linux operating system pre-installed, complete with a keyboard and mouse, so you can set up and start working in minutes.
- Simplified and Cost-Effective: The efficient, compact design saves valuable space and reduces clutter, while its focused performance delivers exceptional value without unnecessary extras.

Built to perform, designed to last. Choose the Thinvent Aero Mini PC for a no-fuss computing solution that simply gets the job done, day after day.



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	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
Front USB 2.0	4
Front USB C	1
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE	
Aero-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB 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

