



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Thinix Embedded Linux

SKU: AERO-I3_13-16_16-M512-12_5-X-THINUX-0



Unleash compact power and enterprise-grade reliability with the Thinvent® Aero Mini PC.

Core Performance

- At its heart lies the Intel® Core™ i3-1315U processor, featuring 6 cores with speeds up to 4.5 GHz and a 10 MB cache for responsive multitasking and efficient operations.

Memory & Storage

- Experience fluid workflows with 16GB DDR4 RAM and lightning-fast boot-ups and application loading from the 512GB SSD.

Thinvent Thinix™ Embedded Linux Experience

- Discover the robust and secure Thinvent® Thinix™ Embedded Linux operating system, tailor-made for specialized and enterprise environments.
- Enjoy essential productivity tools including Chromium and Mozilla Firefox browsers, LibreOffice, and a PDF viewer.
- Benefit from advanced remote management capabilities with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and browser-based VNC shadowing for seamless administration.
- Support for Java, Python, and glibc based location applications, along with SIP video and voice over IP, makes it ideal for custom solutions and communication.

- Integrated multimedia player with MPEG4 support enhances digital signage and content delivery.

Seamless Connectivity

- Connect effortlessly with a rich port selection including HDMI and VGA for dual display support, two USB 3.2, two USB 2.0, four front USB 2.0, and a front USB C port.
- Ensure stable and secure networking with Gigabit Ethernet (1000 Mbps).
- Comprehensive audio options feature speaker out, front speaker out, mic in, and front mic in.

Robust Design & Reliability

- Engineered for durability, its compact 198mm × 187mm × 40mm form factor boasts a steel and ABS plastic housing with a sleek, powder-coated black finish.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.
- Operates reliably in diverse conditions with an operating temperature range of 0°C to 35°C and 20% to 80% RH non-condensing humidity.
- Powered by a dependable 12V 7A adapter with wide 100~275 Volts AC input.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 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
USB 2.0	2
Front USB 2.0	4
Front USB C	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	1.52kg, 1.52kg

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

Ordering Information

PRODUCT CODE

Aero-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
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		

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

