



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

DOS

SKU: AERO-I3_13-16_16-M512-12_7-X-DOS-0



Thinvent® Aero Mini PC: Compact Power, Unleashed Potential.

Experience robust performance in a miniature footprint with the Thinvent® Aero Mini PC. Engineered for efficiency, this compact powerhouse features the Intel® Core™ i3-1315U processor, boasting 6 cores and speeds up to 4.5 GHz with 10 MB cache, ensuring smooth multitasking and responsive applications. With 16GB DDR4 RAM and a rapid 128GB SSD, boot times are instant and data access is lightning-fast, elevating your productivity.

Designed for secure and specialized environments

- Ready for your preferred operating system with FreeDOS pre-installed, offering complete customization.
- Focus on stable wired connectivity with integrated 1000 Mbps Ethernet, making it ideal for POS systems, kiosks, industrial controls, or dedicated server applications where wireless connectivity is undesirable.

Comprehensive connectivity for any setup

- Visuals: 1x HDMI, 1x VGA for versatile dual display configurations.
- USB ports: 2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C for all your peripherals.
- Audio: Dedicated Speaker Out and Mic In ports, both front and rear.

Housed in durable, powder-coated steel and ABS plastic, this black mini PC measures just 198mm × 187mm × 40mm, fitting seamlessly into any workspace. It operates reliably within 0°C ~ 35°C and is BIS, RoHS, and ISO certified, guaranteeing quality and compliance. Power is delivered via a robust 12V 7A adapter with a generous 2-meter cable. Unlock tailored performance for your most critical needs.



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	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	1.61kg, 1.61kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

Aero-i3_13-[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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