



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

2TB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_13-16-M2048-12_7-X-U-KM



Unleash Compact Power: The Thinvent® Aero Mini PC.

Experience a powerful yet incredibly compact computing solution designed for efficiency and versatility. The Thinvent® Aero Mini PC, powered by an Intel® Core™ i3-1315U processor, delivers impressive performance for your everyday tasks.

Key Performance Highlights

- Processor Power: Featuring a 6-core processor with a max frequency of 4.5 GHz and a 10 MB cache, this Mini PC handles multitasking with ease.
- Memory and Storage: With a generous 32 GB of DDR4 RAM and a rapid 512 GB SSD, enjoy swift boot times and seamless application loading.

Connectivity and Expansion

- Display Options: Connect to your monitors with 1 HDMI and 1 VGA port.
- Peripheral Support: Access a range of devices with 2 USB 3.2 ports and multiple USB 2.0 ports, including 4 on the front and a front USB C for convenient front access.

- Network Speed: Experience lightning-fast internet with the integrated 1000 Mbps Ethernet port.
- Audio: Enjoy clear audio with dedicated speaker out and mic in ports, including front options.

Built for Reliability and Ease of Use

- Robust Design: Encased in durable steel and ABS plastic with a sleek black powder-coated finish, this PC is built to last.
- Ready to Go: Comes pre-installed with the latest Ubuntu Linux 24.04 LTS and includes a Thinvent® Keyboard and Mouse set, so you can start computing immediately.
- Efficient Power: Operates on a 12V 7A adapter (100~275 Volts AC input) and maintains optimal performance within a 0°C ~ 35°C operating temperature range.
- Compact Footprint: Its dimensions of 198mm × 187mm × 40mm make it ideal for any workspace.
- Certified Quality: Meets BIS, RoHS, and ISO certifications for peace of mind.



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	16 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

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	2.13kg, 2.13kg

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_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		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB		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	
	110 = Windows 11 Professional		Thinix = Thinix™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	0 = None		KM = Keyboard and Mouse set	
	MK = Mechanical Keyboard		Mo = Wired Optical Scroll Mouse	

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