

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I3_13-16-M512-12_5-M-U-0



Powerhouse Performance, Palm-Sized Perfection.

Unleash efficiency and reliability with the Thinvent® Aero Mini PC. Engineered for demanding tasks in a compact form factor, this mini PC redefines professional computing, delivering robust performance without compromise.

Core Performance

Experience seamless multitasking and rapid processing thanks to the Intel® Core™ i3-1315U processor.

- With 6 cores and a boost frequency of up to 4.5 GHz, tackle complex applications with ease.
- A generous 10 MB cache ensures quick data access for enhanced productivity.
- 8GB DDR4 RAM provides smooth operation, even under heavy workloads.
- Boot up instantly and load applications in a flash with the responsive 128GB SSD.

Connectivity & Networking

Stay connected and expand your workspace effortlessly with extensive port options.

- Enjoy versatile display capabilities with 1 HDMI and 1 VGA port.

- Connect all your peripherals with 2 USB 3.2, 2 USB 2.0, 4 convenient front USB 2.0 ports, and a front USB C port.
- Crystal-clear audio is assured with dedicated speaker out and mic in ports, both front and rear.
- Experience ultra-fast internet with 1000 Mbps Ethernet and reliable dual-band Wi-Fi 5 (802.11ac).

Operating System & Design

Pre-installed with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and open-source computing environment tailored for efficiency.

- Its ultra-compact dimensions of 198mm × 187mm × 40mm make it perfect for any space-constrained setup.
- The durable steel and ABS plastic housing, finished in sleek powder-coated black, ensures longevity and a professional aesthetic.
- Designed for continuous operation, it comes with a robust 12V 7A adapter and boasts BIS, RoHS, and ISO certifications for peace of mind.



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	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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	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
	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	

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