



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I3_12-32_32-M512-12_5-M-U-0



Compact Power, Limitless Possibilities.

Experience unparalleled performance and incredible efficiency with the Thinvent® Aero Mini PC, a compact powerhouse designed for the modern workspace. This mini PC delivers robust computing power in an ultra-small form factor, perfect for decluttering your desk without compromising on speed or reliability.

Performance That Powers Your Day

- Unleash dynamic computing with the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz, ensuring seamless multitasking and swift application execution.
- Benefit from 8GB DDR4 RAM for fluid operation and a lightning-fast 1TB SSD, providing instant boot-ups and ample storage for all your critical data.

Smart Software, Seamless Experience

- Enjoy the stability and security of Ubuntu Linux 24.04 LTS pre-installed, offering a powerful, open-source operating system with long-term support and no licensing fees.

Connectivity for Every Need

- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a rapid 1000 Mbps Gigabit Ethernet port.
- Expand your workspace with dual display support via HDMI and VGA.
- Access a comprehensive array of ports including 2x USB 3.2, 6x USB 2.0 (4 front), 1x Front USB C, plus dedicated audio input and output for versatile peripheral connections.

Compact Design, Robust Build

- Its sleek black housing, crafted from durable steel and ABS plastic with a powder-coated finish, measures a mere 198mm x 187mm x 40mm, fitting discreetly into any environment.
- Powered by an energy-efficient 12V 7A adapter with a wide AC input range, the Aero Mini PC is built for continuous, reliable operation.
- Trust in quality with BIS, RoHS, and ISO certifications, ensuring environmental compliance and manufacturing excellence.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 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
RS485 Option	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	1.59kg, 1.59kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

Aero-i3_12-[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	
	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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