



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)

1TB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12-32_32-M1024-12_5-M-U-KM



Unleash Your Productivity in a Tiny Package

Introducing the Thinvent® Aero Mini PC, where compact design meets powerful performance. Experience seamless multitasking and lightning-fast responsiveness thanks to the Intel® Core™ i3-1215U processor, boasting 6 cores that reach up to 4.4 GHz with a 10 MB cache. Load applications and access files in an instant with the spacious 512GB SSD, complemented by 8GB of DDR4 RAM for smooth operation.

Engineered for Versatility

This mini PC is designed to fit effortlessly into any workspace. Connect to multiple displays with both HDMI and VGA outputs. Enjoy crystal-clear audio with dedicated speaker and microphone ports, including convenient front-facing options. A comprehensive array of ports, including USB 3.2, USB 2.0, and a front USB C, ensures all your peripherals are accommodated. Stay connected with rapid dual-band Wi-Fi and a reliable 1000 Mbps Ethernet port.

Built for Reliability and Efficiency

The robust steel and ABS plastic housing, finished in sleek black, is built to last. Running on the user-friendly Ubuntu Linux 24.04 LTS, you get a stable and secure operating system right out of the box. The included Thinvent® keyboard and mouse set completes your ready-to-go computing solution.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 8GB DDR4 RAM
- Storage: 512GB SSD
- Connectivity: HDMI, VGA, Speaker Out, Mic In, Front Speaker Out, Front Mic In, 2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C, 1000 Mbps Ethernet, Dual Band Wi-Fi 5 (802.11ac)
- Power: 12V 7A Adapter
- Dimensions: 198mm × 187mm × 40mm
- Operating System: Ubuntu Linux 24.04 LTS
- Included Accessories: Thinvent® Keyboard and Mouse set



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	1024 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	2.10kg, 2.10kg

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_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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