



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12-8_8-M1024-12_7-X-U-KM



Unleash Your Productivity: The Compact Powerhouse.

Introducing the Thinvent® Aero Mini PC, engineered for seamless multitasking and efficient performance in a remarkably small footprint. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores that reach up to 4.4 GHz with 10 MB of cache, this mini PC handles demanding tasks with ease. Experience lightning-fast responsiveness and smooth operation thanks to 32GB of DDR4 RAM and a spacious 512GB SSD for rapid boot times and ample storage.

Complete Connectivity

- A comprehensive array of ports ensures you can connect all your peripherals: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, 4 Front USB 2.0, and 1 Front USB C.
- Integrated audio solutions include Speaker Out, Mic In, and Front Speaker Out and Front Mic In for clear communication.

- Enjoy robust wired networking with 1000 Mbps Ethernet.

Designed for Reliability and Simplicity

- This package includes the Thinvent® Keyboard and Mouse set, providing an instant, user-friendly setup.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a stable and versatile operating system.
- The robust steel and ABS plastic housing in a sleek black finish is built to last, measuring a compact 198mm x 187mm x 40mm.
- Operates efficiently with a 12V 7A adapter and supports a wide AC input range (100~275 Volts).
- Certified for quality and safety with BIS, RoHS, and ISO standards.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 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
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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	2.20kg, 2.20kg

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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