



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12-16_16-M512-12_5-X-11P-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, a meticulously crafted solution designed to elevate your computing experience without compromising on space. Powered by the Intel® Core™ i3-1215U processor, this compact marvel boasts 6 cores that surge up to 4.4 GHz with a 10 MB cache, delivering swift performance for all your daily tasks.

Streamline your workflow with 8GB of DDR4 RAM for seamless multitasking and a rapid 128GB SSD for lightning-fast boot-ups and application loading. The included Thinvent® Keyboard and Mouse set completes the package, offering ergonomic comfort and precise control.

Versatile Connectivity Options

- Expansive ports include 2x USB 3.2, 4x Front USB 2.0, 1x Front USB C, 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, and 1x Front Speaker Out.

- Enjoy reliable, high-speed networking with 1000 Mbps Ethernet.

Built for Reliability and Efficiency

- Operates efficiently with a 12V 7A adapter.
- Robust steel and ABS plastic housing in a sleek black, powder-coated finish ensures durability.
- Designed for a range of environments with an operating temperature of 0°C ~ 35°C and humidity of 20% ~ 80% RH.
- Certified with BIS, RoHS, and ISO for your peace of mind.

Experience the future of compact computing with Windows 11 Pro pre-installed, offering enhanced security and intuitive features. The Thinvent® Aero Mini PC is the ultimate blend of power, portability, and performance.



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	32 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
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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	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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