



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-16_16-M512-12_5-M-W_OS-KM



Unleash Peak Performance in a Compact Powerhouse

The Thinvent® Aero Mini PC

Experience unparalleled processing power and exceptional versatility in an ultra-compact design. This Mini PC is engineered for those who demand robust performance without compromising on space.

Key Specifications

- Processor: Intel® Core™ i5-1250P (12 Cores, up to 4.4 GHz, 12 MB Cache) delivers blazing-fast speeds for demanding tasks.
- Memory: A massive 64GB DDR4 RAM ensures seamless multitasking and smooth operation, even with multiple applications open.
- Storage: A rapid 128GB SSD provides quick boot times and lightning-fast data access.
- Connectivity: Featuring 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, and a front USB C port, it offers extensive peripheral support.
- Networking: Integrated Dual Band WiFi (Wi-Fi 5) for reliable, high-speed wireless connectivity.

- Audio: Dedicated speaker out and mic in ports, including front options for convenience.
- Power: Efficient 12V 7A adapter with a 2-meter cable for flexible placement.
- Robust Build: Constructed with durable Steel and ABS Plastic, powder-coated in sleek black, and measuring a mere 198mm × 187mm × 40mm.
- Included Peripherals: Comes bundled with a Thinvent® Keyboard and Mouse set for an immediate, ready-to-go setup.
- Flexibility: Sold without an operating system, allowing you to customize your software environment.
- Reliable Operation: Designed to perform optimally within a 0°C to 35°C operating temperature range and 20% to 80% humidity.
- Certifications: BIS, RoHS, and ISO certified for quality assurance and environmental compliance.

Elevate your productivity and entertainment with the Thinvent® Aero Mini PC.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 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

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	2.14kg, 2.14kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

Aero-i5_12-[RAM]-[SSD]-12_10-[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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