



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

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-16_16-M512-12_10-M-U-KM



Unleash Productivity in a Compact Powerhouse

Thinvent® Aero Mini PC: Unleash the Power of Compact Computing.

Experience unparalleled performance and efficiency with the Thinvent® Aero Mini PC, a sleek and powerful solution designed to elevate your computing experience. Driven by an Intel® Core™ i5-1250P processor, this mini PC boasts 12 cores, reaching speeds of up to 4.4 GHz with a 12 MB cache, ensuring seamless multitasking and lightning-fast responsiveness for demanding applications.

Key Performance Features

- 12 Cores for superior multitasking.
- Up to 4.4 GHz max frequency for rapid processing.
- 12 MB cache for efficient data access.
- 16 GB DDR4 RAM for smooth operation.
- 32 GB MLC SSD for rapid boot times and application loading.

Connectivity and Versatility

Effortlessly connect your peripherals and displays. The Aero Mini PC features a comprehensive array of ports including HDMI and VGA for dual monitor support, multiple USB 3.2 and 2.0 ports, and a front USB-C for convenience. Enjoy robust network connectivity with Gigabit Ethernet and Dual Band Wi-Fi.

Complete With

- Ubuntu Linux 24.04 LTS pre-installed for a stable and secure OS experience.
- Included Thinvent® Keyboard and Mouse set for immediate productivity.
- 12V 7A Adapter ensuring stable power delivery.

Designed for the modern workspace, its compact, powder-coated steel and ABS plastic housing in black (198mm × 187mm × 40mm) fits discreetly anywhere.

Built to Last

- Operates reliably in temperatures from 0°C to 35°C.
- Compliant with BIS, RoHS, and ISO certifications for quality and safety.



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	10 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	2.23kg, 2.23kg

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-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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