



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_14-32-M512-12_5-M-U-KM



Unleash Your Productivity with the Thinvent® Aero Mini PC: Powerhouse Performance in a Compact Design.

Introducing the Thinvent® Aero Mini PC, your ultimate solution for efficient computing. Powered by the Intel® Core™ 5 120U processor, this compact powerhouse delivers exceptional speed and responsiveness for all your daily tasks. Experience seamless multitasking and lightning-fast application launches thanks to its 10 cores, clocking up to 5.0 GHz, and a 12 MB cache.

Effortless Connectivity and Expansive Options

- Featuring 4GB DDR4 RAM for smooth operation.
- A rapid 128GB SSD ensures quick boot times and swift data access.
- Connect to your displays with 2 HDMI ports and 1 VGA port for versatile setup.
- Enjoy rich audio with 1 Speaker Out and convenient communication with 1 Mic In.
- Front access includes 1 Front Speaker Out and 1 Front Mic In for easy interaction.
- Expand your peripherals with 2 USB 3.0 ports and 2 USB 2.0 ports.

- Get even more connectivity with 4 Front USB 2.0 ports and 1 Front USB C port.
- Experience blazing-fast network speeds with 1000 Mbps Ethernet.
- Stay connected with reliable Dual Band WiFi 5 (802.11ac).

Designed for Reliability and Durability

- Includes a 12V 7A adapter for stable power.
- Operates efficiently within a 0°C ~ 35°C temperature range.
- Robust steel and ABS plastic housing in a sleek black finish.
- Comes with a pre-installed Ubuntu Linux 24.04 LTS operating system, offering a stable and secure computing environment.
- Enhance your user experience with the included Thinvent® Keyboard and Mouse set.
- Compact dimensions (198mm × 187mm × 40mm) make it ideal for any workspace.
- Certifications include BIS, RoHS, and ISO, ensuring quality and compliance.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	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	1.74kg, 1.74kg

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_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB 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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