

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

128GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I5_12-32-M128-12_5-M-U-0



Experience Power and Precision in a Compact Design.

The Thinvent® Aero Mini PC redefines efficiency, packing robust performance into an incredibly small footprint. Designed for productivity and demanding tasks, this mini powerhouse is your ultimate computing solution.

Unleash exceptional speed with the Intel® Core™ i5-1250P processor, boasting 12 cores and turbo frequencies up to 4.4 GHz, backed by a generous 12 MB cache. Multitasking is seamless with 16GB of high-speed DDR4 RAM, ensuring applications run smoothly. Your operating system and essential applications load in an instant thanks to the ultra-fast 32GB MLC SSD.

Connectivity at Your Fingertips

- Enjoy crystal-clear visuals with HDMI and VGA ports.
- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a lightning-fast 1000 Mbps Ethernet port.

- Expand your setup with a rich array of 2x USB 3.2, 6x USB 2.0 (2 rear, 4 front), and a versatile front USB C port.
- Integrated audio with front and rear speaker out and mic in ensures all your audio needs are met.

Powered by Ubuntu Linux 24.04 LTS, the Aero Mini PC offers a secure, stable, and highly customizable computing environment, free from licensing complexities. Its durable steel and ABS plastic housing, finished in sleek black, ensures longevity and a professional aesthetic, all within a compact 198mm × 187mm × 40mm form factor. The included 12V 7A adapter provides stable power, and its 2-meter cable allows flexible placement. Certified with BIS, RoHS, and ISO, you can trust its quality and reliability.

Embrace powerful, efficient, and versatile computing with the Thinvent® Aero Mini PC – built for your modern workflow.



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 | 128 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 | 1.62kg, 1.62kg |

OPERATING SYSTEM

| | |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

Ordering Information

| PRODUCT CODE | |
|--|--|
| Aero-i5_12-[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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