

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

128GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I5_14-4-M128-12_5-M-U-0



Thinvent® Aero Mini PC: Unleash Compact Power, Uncompromised Performance.

Experience desktop-grade power in a sleek, compact form factor with the Thinvent® Aero Mini PC. Engineered for speed and efficiency, this powerhouse is designed to handle your most demanding tasks with ease, making it perfect for office, home, or specialized applications.

Unrivaled Performance

- At its heart lies the Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache, ensuring lightning-fast responsiveness and seamless multitasking.
- Paired with a massive 32GB DDR4 RAM, you can effortlessly run multiple applications, edit large files, and switch between tasks without a hint of slowdown.
- Boot up in seconds and access your files at incredible speeds thanks to the 128GB SSD, providing ample storage for your essential data.

Empowering Operating System

- Pre-installed with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and user-friendly computing experience. Benefit from open-source flexibility, robust privacy features, and freedom from licensing costs.

Seamless Connectivity

- Drive multiple displays for enhanced productivity or immersive entertainment with two HDMI and one VGA output.
- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a rapid 1000 Mbps Ethernet port.
- A comprehensive array of USB ports – including two USB 3.0, six USB 2.0, and a convenient front USB-C – ensures all your peripherals are easily accommodated, complemented by a complete audio solution.

Designed for Durability

- Housed in a robust black powder-coated steel and ABS plastic casing (198mm × 187mm × 40mm), the Aero Mini PC is built to last.
- BIS, RoHS, and ISO certifications guarantee quality, safety, and environmental responsibility, ensuring reliable performance in typical operating environments.

Grab yours today and redefine your computing experience.



Specifications

PROCESSING

| | |
|-----------------|--------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 4 GB |
| SSD Storage | 128 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 | 1.23kg, 1.23kg |

OPERATING SYSTEM

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

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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