

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM

128GB SSD

Dual Band WiFi

DOS

SKU: AERO-I3_12-64-S128-12_5-M-DOS-0



Unleash Mighty Performance in a Miniature Package: Thinvent® Aero Mini PC.

Discover the Thinvent® Aero Mini PC, your ultimate solution for efficient, space-saving computing. Engineered for performance and reliability, this compact powerhouse redefines what a mini PC can do, perfect for office, home, or commercial applications.

Exceptional Performance

- Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores and a blistering max frequency of up to 4.4 GHz with 10 MB cache, ensuring smooth multitasking and rapid application loading.
- Experience lightning-fast boot-ups and responsive computing with a 128GB SSD.
- A robust 64GB DDR4 RAM handles your daily tasks with ease.

Comprehensive Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a gigabit Ethernet port for reliable networking.
- Connect dual displays effortlessly via HDMI and VGA ports.
- An array of USB ports, including 2x USB 3.2, 2x USB 2.0, 4x front USB 2.0, and 1x front USB-C, ensures all your peripherals are accommodated.

- Dedicated front and rear audio jacks provide versatile sound options.

Designed for Durability and Convenience

- Its sleek, powder-coated black housing, crafted from steel and ABS plastic, boasts durability and a professional aesthetic.
- Measuring a mere 198mm × 187mm × 40mm, it integrates seamlessly into any environment.
- Operates reliably between 0°C and 35°C, designed for continuous performance.
- Certified with BIS, RoHS, and ISO standards for quality and safety.

Flexible Operating System

- Comes with FreeDOS, giving you the freedom to install your operating system of choice.

Power and Efficiency

- Runs efficiently on a 12V 7A adapter, supporting a wide AC input range (100~275 Volts) with a 2-metre cable.

This compact marvel delivers robust performance and versatile connectivity, making it the smart choice for modern computing needs.





Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 64 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 |
| RS485 Option | 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 | 1.59kg, 1.59kg |

OPERATING SYSTEM

| | |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

Ordering Information

| PRODUCT CODE | |
|--|--|
| Aero-i3_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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