



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM

256GB SSD

No WiFi

Without OS

SKU: AERO-I3_12-16-M256-12_5-X-W_OS-0



Unleash Mighty Performance in a Mini Footprint.

The Thinvent® Aero Mini PC is engineered for demanding tasks, delivering robust power in an incredibly compact design. Perfect for professional workstations, digital signage, or specialized applications, it redefines efficiency without compromise.

Core Power and Speed

- Experience unparalleled responsiveness with the Intel® Core™ i3-1215U processor, featuring 6 cores and a blistering max frequency of 4.4 GHz. A 10 MB cache ensures swift data access, making multitasking seamless.

Exceptional Memory and Storage

- With a colossal 64GB DDR4 RAM, you'll navigate complex applications and intensive workflows with absolute fluidity. The 128GB SSD provides lightning-fast boot times and rapid access to your essential programs, ensuring an exceptionally smooth user experience.

Comprehensive Connectivity

- Despite its size, the Aero Mini PC offers extensive connectivity.
- Display outputs: 1 HDMI, 1 VGA
- Audio: Dedicated speaker out and mic in ports, plus convenient front speaker out and front mic in options

- USB ports: A total of 2 USB 3.2, 2 USB 2.0, 4 front USB 2.0, and 1 versatile front USB C port for all your peripherals.
- Networking: Reliable 1000 Mbps Ethernet for stable wired connections.

Designed for Durability and Versatility

- Its sleek, black powder-coated steel and ABS plastic housing measures just 198mm x 187mm x 40mm, making it incredibly space-efficient. Operating reliably from 0°C to 35°C, it's built to last.
- Power input: Wide range 100~275 Volts AC (50~60 Hz, 1.5 Amps max) with a 2-metre cable and 12 Volts 7 Amps adapter.
- Certifications: BIS, RoHS, ISO standards ensure quality and safety.

Your Freedom to Choose

- Shipped without an operating system, the Aero Mini PC provides the ultimate flexibility for you to install your preferred OS, tailoring it precisely to your needs. Optimized for stable wired connections, it offers focused performance where wireless is not required.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 16 GB |
| SSD Storage | 256 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 |
|----------|-----------|

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 | Without OS |
|------------------|------------|

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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