



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

8GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 Pro

SKU: AERO-I3_12-8-M512-12_5-X-11P-0



Experience Big Performance in a Small Package: The Thinvent® Aero Mini PC.

Unleash exceptional productivity with the Thinvent® Aero Mini PC, engineered for efficiency and reliability in any professional setting. Its remarkably compact design conceals a powerhouse of capabilities, making it the ideal choice for clutter-free workspaces without compromising on power.

Unrivalled Performance

- Driven by the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz for seamless multitasking.
- A generous 10 MB cache ensures rapid data access, keeping your applications responsive.

Blazing Fast Storage & OS

- Boots up in seconds and loads applications instantly thanks to the massive 1TB SSD.
- Navigate your tasks with confidence on Microsoft Windows 11 Pro, offering advanced security and a familiar, intuitive interface.

Seamless Connectivity

- Stay reliably connected with a 1000 Mbps Ethernet port, perfect for stable, secure wired networks.
- Project your visuals with ease using both HDMI and VGA outputs.
- Connect all your peripherals with 2 USB 3.2 ports, 6 USB 2.0 ports (4 front), and a versatile front USB C port.
- Dedicated audio inputs and outputs (including front panel options) ensure crystal-clear sound for conferencing or media.

Durable & Compact Design

- Crafted from robust steel and ABS plastic with a powder-coated black finish, built to last.
- Its ultra-slim dimensions of 198mm x 187mm x 40mm make it virtually disappear on your desk.
- Certified with BIS, RoHS, and ISO standards for quality and environmental compliance.

The Thinvent® Aero Mini PC is your reliable, high-performance companion, designed to streamline your operations and elevate your workspace.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 8 GB |
| SSD Storage | 512 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 | Microsoft Windows 11 Pro |
|------------------|--------------------------|

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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