



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

8GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I3_13-8-M128-12_5-M-11V-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC: the ultimate solution for space-saving performance and exceptional value. Experience seamless multitasking and lightning-fast responsiveness powered by the Intel® Core™ i3-1315U processor. With 6 cores reaching up to 4.5 GHz and a generous 10 MB cache, this mini PC handles demanding applications with ease.

Unmatched Performance and Storage

- Immerse yourself in a world of speed with a massive 64GB of DDR4 RAM.
- Store all your critical data and projects on a spacious 1TB SSD, ensuring rapid boot times and quick file access.

Versatile Connectivity for Every Need

- Connect to your displays effortlessly with 1 HDMI and 1 VGA port.
- Enjoy crystal-clear audio with dedicated Speaker Out and Mic In ports, including front options for convenience.
- Expand your peripheral options with 2 USB 3.2, 2 USB 2.0, 4 front USB 2.0, and 1 front USB C port.

- Experience blazing-fast wired networking with a 1000 Mbps Ethernet port.
- Stay connected wirelessly with reliable dual-band Wi-Fi 5 (802.11ac).

Designed for Durability and Efficiency

- The robust steel and ABS plastic housing, finished in sleek black, ensures longevity.
- Its compact dimensions (198mm x 187mm x 40mm) fit perfectly in any workspace.
- The included 12V 7A adapter provides stable power.

Included Software and Peripherals

- Get started instantly with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value.
- Enhance your workflow with the included Thinvent® Keyboard and Mouse set.

Trusted and Certified

- This device meets stringent quality and environmental standards with BIS, RoHS, and ISO certifications.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1315U |
| Cores | 6 |
| Max Frequency | 4.5 GHz |
| Cache | 10 MB |
| Main Memory | 8 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 | 2.04kg, 2.04kg |

ACCESSORIES

| | |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

OPERATING SYSTEM

| | |
|------------------|---|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

Ordering Information

| PRODUCT CODE | |
|--|--|
| Aero-i3_13-[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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