



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: AERO-I3_13-16-M512-12_5-X-11P-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, a remarkably compact yet potent computing solution designed to elevate your workspace. Experience seamless multitasking and lightning-fast responsiveness powered by the Intel® Core™ i3-1315U processor. This 6-core processor, boasting a turbo frequency of up to 4.5 GHz and 10 MB of cache, ensures smooth performance for your everyday tasks and demanding applications.

Key Features and Benefits

- Powerful Performance:
 - 6 Cores for efficient multitasking
 - Up to 4.5 GHz Max Frequency for speed
 - 10 MB Cache for quick data access
- Ample Memory and Storage:
 - 32 GB DDR4 RAM for fluid operation
 - 128 GB SSD for rapid boot times and application loading
- Extensive Connectivity:
 - 1 HDMI and 1 VGA port for dual display options
 - 1 Speaker Out and 1 Mic In, plus front counterparts for convenient audio

- 2 USB 3.2 and 2 USB 2.0 ports, alongside 4 Front USB 2.0 and 1 Front USB C for diverse peripheral support
- 1000 Mbps Ethernet for a stable wired network connection
- Reliable and Efficient:
 - Powered by a 12V 7A adapter, compatible with 100~275 Volts AC input
 - Operates within a 0°C ~ 35°C temperature range and 20% ~ 80% non-condensing humidity
 - BIS, RoHS, and ISO certified for quality assurance
- Sleek and Durable Design:
 - Compact dimensions of 198mm x 187mm x 40mm fit any desk
 - Robust Steel and ABS Plastic housing with a professional powder-coated black finish
- Ready to Go:
 - Includes a Thinvent® Keyboard and Mouse set
 - Comes pre-installed with Microsoft Windows 11 Pro for immediate productivity.

The Thinvent® Aero Mini PC is the perfect blend of power, portability, and connectivity, making it an ideal choice for home, office, or educational environments.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1315U |
| Cores | 6 |
| Max Frequency | 4.5 GHz |
| Cache | 10 MB |
| Main Memory | 16 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 |

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 | 2.04kg, 2.04kg |

ACCESSORIES

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

OPERATING SYSTEM

| | |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

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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