



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM

128GB SSD

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_13-64-M128-12_5-M-THINUX-KM



Unleash Productivity in a Compact Powerhouse

The Thinvent® Aero Mini PC is engineered for efficiency, blending powerful performance with an incredibly small footprint. Powered by the latest Intel® Core™ i3-1315U processor, this mini PC boasts 6 cores and can reach speeds of up to 4.5 GHz, all within a 10 MB cache. Experience lightning-fast multitasking and seamless operation with a massive 64GB of DDR4 RAM, complemented by a swift 256GB SSD for rapid boot times and application loading.

Key Performance Features

- 6 Cores for robust multitasking
- Up to 4.5 GHz max frequency for speed
- 10 MB cache for efficient data access
- 64 GB DDR4 RAM for seamless operation
- 256 GB SSD for quick storage access

Connectivity and Versatility

This compact device offers a comprehensive suite of ports, including HDMI and VGA for dual display support, multiple USB ports (including front USB 2.0 and USB C), and a 1000 Mbps Ethernet port for reliable wired networking. Stay connected wirelessly with dual-band Wi-Fi 5 (802.11ac).

Intuitive and Secure Operating System

Experience the streamlined efficiency of Thinvent® Thinix™ Embedded Linux. This optimized OS is pre-loaded with Chromium and Mozilla Firefox for browsing, robust remote access tools like RDP 10 and SSH, and support for Java and Python applications. Enjoy a full productivity suite with LibreOffice and a PDF viewer, plus a multimedia player.

Designed for Modern Workspaces

The Thinvent® Aero Mini PC features a durable, powder-coated steel and ABS plastic housing in a sleek black finish. Its compact dimensions (198mm x 187mm x 40mm) make it ideal for any desk setup. This all-in-one solution includes a Thinvent® Keyboard and Mouse set, ready to power on and get to work. With certifications like BIS, RoHS, and ISO, you can trust in its quality and compliance.

Included Peripherals and Specifications

- 1x Keyboard and Mouse set
- 12V 7A Adapter with a 2-meter cable
- Operating Temperature: 0°C ~ 35°C
- Operating Humidity: 20% ~ 80% RH, non condensing



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1315U |
| Cores | 6 |
| Max Frequency | 4.5 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 |

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 | Thinvent® Thinux™ Embedded Linux |
| OS Features | Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP. |

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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