



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM

128GB SSD

No WiFi

Thinix Embedded Linux

SKU: AERO-I3_13-64-M128-12_5-X-THINUX-0



Unleash compact power and enterprise-grade reliability with the Thinvent® Aero Mini PC.

Core Performance

- At its heart lies the Intel® Core™ i3-1315U processor, featuring 6 cores with speeds up to 4.5 GHz and a 10 MB cache for responsive multitasking and efficient operations.

Memory & Storage

- Experience fluid workflows with 16GB DDR4 RAM and lightning-fast boot-ups and application loading from the 128GB SSD.

Thinvent Thinix™ Embedded Linux Experience

- Discover the robust and secure Thinvent® Thinix™ Embedded Linux operating system, tailor-made for specialized and enterprise environments.
- Enjoy essential productivity tools including Chromium and Mozilla Firefox browsers, LibreOffice, and a PDF viewer.
- Benefit from advanced remote management capabilities with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and browser-based VNC shadowing for seamless administration.
- Support for Java, Python, and glibc based location applications, along with SIP video and voice over IP, makes it ideal for custom solutions and communication.

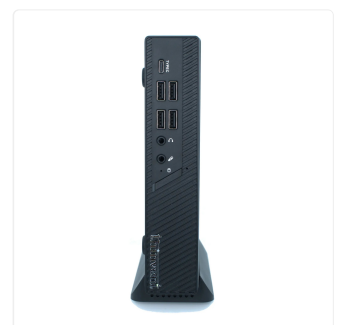
- Integrated multimedia player with MPEG4 support enhances digital signage and content delivery.

Seamless Connectivity

- Connect effortlessly with a rich port selection including HDMI and VGA for dual display support, two USB 3.2, two USB 2.0, four front USB 2.0, and a front USB C port.
- Ensure stable and secure networking with Gigabit Ethernet (1000 Mbps).
- Comprehensive audio options feature speaker out, front speaker out, mic in, and front mic in.

Robust Design & Reliability

- Engineered for durability, its compact 198mm × 187mm × 40mm form factor boasts a steel and ABS plastic housing with a sleek, powder-coated black finish.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.
- Operates reliably in diverse conditions with an operating temperature range of 0°C to 35°C and 20% to 80% RH non-condensing humidity.
- Powered by a dependable 12V 7A adapter with wide 100~275 Volts AC input.



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 |
|----------|-----------|

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 | 1.52kg, 1.52kg |

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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