



Thinvent Aero Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: AERO-I5_13-8-M1024-12_5-M-THINUX-0



Experience Unrivalled Performance in an Ultra-Compact Design.

The Thinvent® Aero Mini PC redefines efficiency, packing desktop-grade power into a sleek, minimalist form factor. At its heart lies an Intel® Core™ i5-1335U processor, featuring 10 cores and clocking up to 4.6 GHz with a 12 MB cache. This processing muscle, combined with a staggering 64GB DDR4 RAM, ensures unparalleled multitasking capability and responsiveness for even the most demanding applications. Coupled with a swift 128GB SSD, you'll enjoy lightning-fast boot times and application loading.

Operating System

- Powered by Thinvent® Thinix™ Embedded Linux, this Mini PC offers a robust, secure, and highly optimized environment. Thinix™ is engineered for specialized deployments, providing advanced remote display capabilities like RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for seamless remote access and management.

- Browser-based remote management and VNC shadowing simplify administration, while pre-installed Chromium and Mozilla Firefox provide versatile web access. Productivity is covered with LibreOffice and a PDF viewer, alongside multimedia playback and SIP video/voice over IP.
- Developers will appreciate support for Java, Python, and glibc-based location applications, making it ideal for custom solutions.

Connectivity & Build

- Comprehensive I/O includes HDMI, VGA for dual displays, multiple USB 3.2 and 2.0 ports, Front USB-C, Gigabit Ethernet, and dual-band Wi-Fi 5, ensuring all your peripherals and high-speed networking needs are covered.
- Housed in a durable, powder-coated steel and ABS plastic chassis, the Aero Mini PC measures just 198mm x 187mm x 40mm, making it perfect for space-constrained environments. Compliant with BIS, RoHS, and ISO standards, it's built for reliability and global deployment.

Upgrade your workspace with a compact powerhouse designed for security, flexibility, and peak performance.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1335U |
| Cores | 10 |
| Max Frequency | 4.6 GHz |
| Cache | 12 MB |
| Main Memory | 8 GB |
| SSD Storage | 1024 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 | 1.51kg, 1.51kg |

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-i5_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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