



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

8GB DDR4 RAM

32GB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: AERO-I3_12-8-M32-12_5-M-THINUX-0



Thinvent® Aero Mini PC: Unleash Compact Power for Uninterrupted Productivity.

Experience exceptional performance in an incredibly small footprint with the Thinvent® Aero Mini PC. Engineered for efficiency and reliability, this mini powerhouse is ideal for a wide range of applications, from office tasks to dedicated embedded solutions.

Performance at Your Fingertips

- Driven by the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz for lightning-fast processing and efficient multitasking.
- Seamlessly switch between applications with 8GB DDR4 RAM.
- Enjoy ultra-fast boot-ups and rapid application loading thanks to the responsive 128GB SSD.

Thinvent® Thinix™ Embedded Linux Advantage

- Navigate with ease using pre-installed Chromium and Mozilla Firefox browsers.
- Benefit from robust remote management capabilities including RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
- Support for Java, Python, and glibc-based applications empowers custom solutions.

- Stay productive with LibreOffice and a PDF viewer, and entertained with a multimedia player with MPEG4 support.
- Integrated SIP video and voice over IP ensures seamless communication.

Comprehensive Connectivity and Robust Design

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a blazing-fast 1000 Mbps Ethernet port.
- Expand your setup with 2x USB 3.2, 6x USB 2.0 (4 front), 1x front USB-C, HDMI, and VGA for versatile dual display support, plus dedicated front and rear audio jacks.
- Its ultra-compact 198mm x 187mm x 40mm dimensions, housed in a durable powder-coated steel and ABS plastic black chassis, fit perfectly into any workspace.
- Certified with BIS, RoHS, and ISO for quality and environmental compliance.

Powering your system is an energy-efficient 12V 7A adapter, capable of handling broad AC inputs from 100~275 Volts, ensuring stable operation in diverse environments.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 8 GB |
| SSD Storage | 32 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 |
| RS485 Option | 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 | 1.59kg, 1.59kg |

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_12-[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 |

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

+91-99903-44251

R&D and Manufacturing
 #11 Sports Complex
 Salvador Do Mundo
 North Goa - 403101, India

Sales
 UGF-10-A Omaxe Gurgaon Mall
 Sector 49, Sohna Road
 Gurgaon - 122018, India

