



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM

256GB SSD

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12L-32-M256-12_5-M-THINUX-KM



Compact power for your digital workspace: meet the Aero Mini PC.

The versatile workhorse for business

Imagine a desktop that's powerful enough to handle daily business tasks yet so compact it fits anywhere. The Aero Mini PC is that solution. It delivers smooth, responsive performance for everything from office productivity and web applications to digital signage and point-of-sale systems. Its robust, fanless design ensures silent, reliable operation year after year.

Engineered for simplicity and control

We've removed the complexity so you can focus on what matters. Pre-installed with Thinix™, this system boots instantly and is built for stability, reducing downtime and IT headaches. Manage everything effortlessly with browser-based remote tools, keeping your operations running smoothly from anywhere.

Ready for work right out of the box

- Experience plug-and-play simplicity with the included keyboard and mouse set.
- Connect to multiple displays and networks simultaneously for a flexible setup.
- Enjoy peace of mind with a rugged, industrial-grade build designed for demanding environments.

The Aero Mini PC: reliable, manageable, and ready to work.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 32 GB |
| SSD Storage | 256 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 |
| Front USB 2.0 | 4 |
| Front USB C | 1 |
| RS485 Option | 1 |

NETWORKING

| | |
|---------------------|-------------------------------|
| Ethernet | 1000 Mbps |
| Ethernet Ports | 2 |
| 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 | 2.10kg, 2.10kg |

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_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

| | | | | |
|--------------------|---|---|--------------------------------------|--|
| RAM | 4 = 4GB DDR4 | 8 = 8GB DDR4 | 16 = 16GB DDR4 | 32 = 32GB DDR4 |
| | 32_32 = 64GB DDR4 RAM (2 x 32GB) | 16_16 = 32GB DDR4 RAM (2 x 16GB) | 8_8 = 16GB DDR4 RAM (2 x 8GB) | |
| SSD | m128 = 128GB | m256 = 256GB | 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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