



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM

256GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-64-M256-12_5-X-THINUX-KM



Unleash Powerful Performance, Compactly.

The Thinvent® Aero Mini PC: Your Gateway to Efficient Computing.

Experience robust performance in an incredibly small form factor. Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores, a max frequency of 4.4 GHz, and 12 MB cache, this Mini PC handles demanding tasks with ease. With 4GB DDR4 RAM and a lightning-fast 128GB SSD, boot-up and application loading are swift and seamless.

Key Specifications

- Processor: Intel® Core™ i5-1250P (12 Core, up to 4.4 GHz, 12 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 128 GB SSD
- Graphics Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In
- USB Ports: 2 USB 3.2, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C
- Networking: 1000 Mbps Ethernet
- Power Adapter: 12V 7A (100~275 Volts AC input)

Operating System

- Thinvent® Thinux™ Embedded Linux: Streamlined and secure, optimized for performance and reliability.
- Included Software: Chromium and Mozilla Firefox browsers for web browsing. Secure remote access with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH. Browser-based remote management and VNC shadowing. Supports Java, Python, and glibc for location applications. Full office productivity with LibreOffice and PDF viewer. Enjoy multimedia with a player supporting MPEG4. Integrated SIP for video and voice over IP.

Durable and Compact Design

- Dimensions: 198mm x 187mm x 40mm
- Housing: Robust Steel and ABS Plastic, powder-coated in a sleek black finish.
- Ideal for tight spaces and diverse environments with an operating temperature range of 0°C to 35°C.

Included Accessories

- Thinvent® Keyboard and Mouse set for immediate productivity.

Certifications

- BIS, RoHS, ISO compliant for peace of mind.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1240P |
| Cores | 12 |
| Max Frequency | 4.4 GHz |
| Cache | 12 MB |
| Main Memory | 64 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 |
| 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 | 2.14kg, 2.14kg |

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-i5_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 |

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