



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

256GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-32-S256-12_5-X-DOS-KM



Unleash Powerful Performance in a Compact Form

Introducing the Thinvent® Aero Mini PC, engineered for efficiency and seamless operation.

Key Specifications

- Processor: Intel® Core™ i5-1250P, boasting 12 cores for exceptional multitasking and up to 4.4 GHz speed with 12 MB cache for rapid data access.
- Memory & Storage: 32GB DDR4 RAM ensures smooth operation with demanding applications, complemented by a fast 256GB SSD for quick boot times and file transfers.
- Connectivity: Versatile I/O includes 1 HDMI and 1 VGA for dual display support, 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In, 2 USB 3.2 ports, 2 USB 2.0 ports, 4 Front USB 2.0 ports, and 1 Front USB C port for all your peripheral needs.
- Networking: A robust 1000 Mbps Ethernet port ensures stable and speedy internet connectivity.

- Power: Efficient 12V 7A adapter with universal 100~275 Volts AC input, featuring a 2-meter cable for flexible placement.
- Design: Compact dimensions of 198mm × 187mm × 40mm with a durable, powder-coated black steel and ABS plastic housing, built to withstand operating temperatures of 0°C ~ 35°C and humidity of 20% ~ 80% RH.
- Included Accessories: Comes complete with a Thinvent® Keyboard and Mouse set and FreeDOS operating system, ready for your customization.
- Certifications: BIS, RoHS, ISO certified for quality and safety.

Experience a desktop solution that blends impressive power with an incredibly small footprint. The Thinvent® Aero Mini PC is perfect for office workstations, digital signage, and any environment where space is at a premium but performance is non-negotiable.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1240P |
| Cores | 12 |
| Max Frequency | 4.4 GHz |
| Cache | 12 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 |
| 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 | FreeDOS |
|------------------|---------|

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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