



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-16-M1024-12_5-X-W_OS-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, a compact yet incredibly powerful computing solution designed to elevate your workspace.

Engineered for Performance

Experience seamless multitasking and lightning-fast responsiveness with the Intel® Core™ i5-1250P processor, boasting 12 cores that reach up to 4.4 GHz and a substantial 12 MB cache.

Expansive Memory and Storage

Accommodate your demanding applications and projects with an enormous 64 GB of DDR4 RAM. The rapid 32 GB MLC SSD ensures swift boot times and application loading.

Versatile Connectivity

This Mini PC offers a wide array of ports to suit your needs

- 1 HDMI and 1 VGA for dual display options.
- Multiple USB ports (2 x USB 3.2, 2 x USB 2.0, 4 x Front USB 2.0, 1 x Front USB C) for all your peripherals.
- Dedicated audio jacks: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In.

- A robust 1000 Mbps Ethernet port for reliable network connectivity.

Built for the Modern Environment

Designed with a durable steel and ABS plastic housing, powder-coated in a sleek black finish, the Thinvent® Aero Mini PC is as stylish as it is robust. Its compact dimensions (198mm x 187mm x 40mm) make it ideal for any desk setup.

Customizable Computing

Enjoy the freedom to install your preferred operating system and the included Thinvent® Keyboard and Mouse set for immediate productivity.

Reliable Power and Operation

Powered by a 12V 7A adapter, compatible with a wide AC input range (100~275 Volts AC, 50~60 Hz). Operates efficiently within a temperature range of 0°C to 35°C and 20% to 80% humidity.

Certifications

- BIS
- RoHS
- ISO



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1240P |
| Cores | 12 |
| Max Frequency | 4.4 GHz |
| Cache | 12 MB |
| Main Memory | 16 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 |
|----------|-----------|

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 | Without OS |
|------------------|------------|

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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