



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-4-M1024-12_5-X-11V-KM



Unleash Productivity with the Thinvent® Aero Mini PC: Powerhouse Performance in a Compact Design.

Experience unparalleled performance and exceptional value with the Thinvent® Aero Mini PC. Engineered for demanding professional environments, this compact powerhouse redefines efficiency without compromising on capability. Driven by the Intel® Core™ i5-1250P processor, featuring 12 cores that reach up to 4.4 GHz with a 12 MB cache, the Aero Mini PC handles multitasking and intensive applications with effortless grace.

Massive Memory and Speedy Storage

- Experience seamless operation with a substantial 64GB of DDR4 RAM, allowing you to run multiple applications simultaneously without slowdown.
- Benefit from rapid boot times and quick application loading thanks to the 32GB MLC SSD.

Versatile Connectivity and Robust Build

- Connect your peripherals and displays with ease through a comprehensive array of ports, including HDMI, VGA, multiple USB 3.2 and USB 2.0 ports (including front-facing options), and a front USB C for modern device compatibility.

- Enjoy reliable wired networking with the integrated 1000 Mbps Ethernet port.
- The durable steel and ABS plastic housing, finished in a sleek black powder coat, ensures longevity.
- Included is a Thinvent® Keyboard and Mouse set for an immediate, ready-to-go solution.

Reliable and Efficient Operation

- Operating at 12 Volts with a 7 Amp adapter and a 2-meter cable, this PC is designed for stable power delivery.
- Its compact dimensions (198mm x 187mm x 40mm) make it ideal for space-constrained workspaces.
- Engineered for stability, it operates efficiently within a temperature range of 0°C to 35°C and humidity of 20% to 80% RH.
- Certified with BIS, RoHS, and ISO standards for quality assurance.

Powerful Operating System

- Comes pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a stable and secure platform optimized for commercial and embedded applications.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1240P |
| Cores | 12 |
| Max Frequency | 4.4 GHz |
| Cache | 12 MB |
| Main Memory | 4 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 | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

Ordering Information

| PRODUCT CODE | |
|--|---|
| Aero-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | |
| RAM | <div style="display: flex; justify-content: space-between;"> <div style="width: 22%;"> <p>4 = 4GB DDR4</p> <p>32_32 = 64GB DDR4 RAM (2 x 32GB)</p> </div> <div style="width: 22%;"> <p>8 = 8GB DDR4</p> <p>16_16 = 32GB DDR4 RAM (2 x 16GB)</p> </div> <div style="width: 22%;"> <p>16 = 16GB DDR4</p> <p>8_8 = 16GB DDR4 RAM (2 x 8GB)</p> </div> <div style="width: 22%;"> <p>32 = 32GB DDR4</p> </div> </div> |
| SSD | <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>m128 = 128GB</p> <p>m512 = 512GB</p> <p>S32 = 32GB MLC</p> <p>S256 = 256GB</p> </div> <div style="width: 48%;"> <p>m256 = 256GB</p> <p>m1024 = 1TB</p> <p>S128 = 128GB</p> </div> </div> |
| Wireless | <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>m = Dual Band WiFi</p> </div> <div style="width: 48%;"> <p>X = No WiFi</p> </div> </div> |
| OS | <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>DOS = DOS</p> <p>11V = Windows 11 IoT Value</p> <p>Thinix = Thinix™ Embedded Linux</p> </div> <div style="width: 48%;"> <p>W_OS = Without OS</p> <p>11P = Windows 11 Pro</p> <p>U = Ubuntu Linux</p> </div> </div> |
| Accessories | <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>0 = None</p> <p>MK = Mechanical Keyboard</p> </div> <div style="width: 48%;"> <p>KM = Keyboard and Mouse set</p> <p>Mo = Wired Optical Scroll Mouse</p> </div> </div> |

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