



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

1TB SSD

No WiFi

Without OS

SKU: AERO-I5_14-32-M1024-12_5-X-W_OS-0



Unleash compact power: The Thinvent® Aero Mini PC.

Experience uncompromising performance in a footprint that redefines efficiency with the Thinvent® Aero Mini PC. Engineered for demanding workloads and specialized applications, this mini PC packs a serious punch for businesses and developers seeking robust, customizable solutions.

Unrivalled Performance

- Powered by an Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a substantial 12 MB cache, for lightning-fast processing.
- Seamlessly multitask and power through memory-intensive applications with 32GB of high-speed DDR4 RAM.
- Benefit from ultra-responsive operation and enhanced data reliability thanks to its 32GB MLC SSD, ensuring quick boot times and rapid data access.

Robust Connectivity

- Expand your visual workspace with dual HDMI and a VGA port, supporting multiple displays for maximum productivity.

- Connect all your essential peripherals with ease via 2x USB 3.0, 2x USB 2.0, 4x front USB 2.0, a versatile front USB C port, and integrated audio jacks for microphone and speaker.
- Enjoy secure and stable network performance with a dedicated 1000 Mbps Ethernet port.

Built for Reliability

- Designed for specific deployments, this unit comes without an operating system, offering you complete freedom and cost savings for tailored software solutions.
- Its absence of WiFi ensures enhanced security for sensitive environments, providing a stable wired connection.
- Housed in a durable, powder-coated black steel and ABS plastic enclosure (198mm x 187mm x 40mm), it's built to withstand rigorous use.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and environmental compliance.

The Thinvent® Aero Mini PC: Your solution for powerful, reliable, and customizable computing in a compact form factor.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 32 GB |
| SSD Storage | 1024 GB |

DISPLAY

| | |
|------|---|
| HDMI | 2 |
| VGA | 1 |

AUDIO

| | |
|-------------------|---|
| Speaker Out | 1 |
| Mic In | 1 |
| Front Speaker Out | 1 |
| Front Mic In | 1 |

CONNECTIVITY

| | |
|---------------|---|
| USB 3.0 | 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 | 1.23kg, 1.23kg |

OPERATING SYSTEM

| | |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

Ordering Information

| PRODUCT CODE | | | | |
|---|--|---------------------|--|-----------------------|
| Aero-i5_14-[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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