# Thinvent Aero Mini PC

## Intel Core 5 120U processor

### 10 core, up to 5.0 GHz, 12 MB cache

## 8GB DDR4 RAM

## 32GB SSD

## Dual Band WiFi

## Windows 11 Pro

SKU: AERO-I5_14-8-S32T-12_7-M-11P-0



Unleash Mighty Performance in a Mini Footprint.

**Introduction**

Discover the Thinvent® Aero Mini PC, a powerhouse of productivity engineered for demanding professionals and efficient businesses. This compact marvel redefines desktop computing, delivering uncompromised speed and versatility in an incredibly small form factor.

**Power & Speed Redefined**

- Experience lightning-fast operations with the Intel® Core™ 5 120U processor, featuring 10 cores and an impressive turbo frequency of up to 5.0 GHz, complemented by 12 MB of cache for swift data access.
- Seamlessly juggle multiple applications and heavy workloads with 16GB DDR4 RAM.
- Benefit from ultra-rapid system boot-ups and application loading thanks to the 32GB MLC SSD.
- Navigate effortlessly and securely with Windows 11 Pro pre-installed, offering a modern, productive, and protected computing environment.

**Extensive Connectivity & Versatility**

- Drive multi-monitor setups with ease using dual HDMI ports and an additional VGA output.
- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a high-speed 1000 Mbps Ethernet port.
- Connect all your peripherals with a comprehensive array of USB ports, including 2x USB 3.0, 6x USB 2.0 (4 front-facing), and a modern front USB-C port.
- Enjoy comprehensive audio solutions with dedicated speaker out, mic in, and front audio jacks.

**Compact & Durable Design**

- Its sleek black housing, crafted from robust steel and ABS plastic with a powder-coated finish, measures just 198mm × 187mm × 40mm – fitting seamlessly into any workspace.
- Built for reliability, it operates efficiently in temperatures from 0°C to 35°C and is certified with BIS, RoHS, and ISO standards, ensuring quality and environmental compliance.
- Power it anywhere with a wide-range 100~275V AC input adapter, featuring a generous 2-metre cable.

Thinvent® Aero Mini PC: Elevate your computing experience without sacrificing space or performance.







# Thinvent Aero Mini PC

## Specifications

### PROCESSING

| | |
|---|---|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 8 GB |
| SSD Storage | 32 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 |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

| | |
|---|---|
| DC Voltage | 12 Volts |
| DC Current | 7 Amps |
| Power Input | 100~275 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 | 1.32kg, 1.32kg |

### OPERATING SYSTEM

| | |
|---|---|
| Operating System | Microsoft Windows 11 Pro |

# Thinvent Aero Mini PC

## 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 |
| SSD | **m128** = 128GB | | **m256** = 256GB | |
| | **m512** = 512GB | | **m1024** = 1TB | |
| | **m2048** = 2TB | | **S32** = 32GB MLC | |
| | **S32T** = 32GB | | **S128** = 128GB | |
| | **S256** = 256GB | | **h1024** = 1TB HDD | |
| Wireless | **m** = Dual Band WiFi | | **X** = No WiFi | |
| OS | **DOS** = DOS | | **W_OS** = Without OS | |
| | **11V** = Windows 11 IoT Value | | **11P** = Windows 11 Pro | |
| | **11O** = Windows 11 Professional | | **Thinux** = Thinux™ 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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