# Thinvent Aero Mini PC

## Intel Core Ultra 5 125U processor

### 12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 16GB DDR5 RAM

## 32GB MLC SSD

## No WiFi

## DOS

SKU: AERO-CU5_14L-16_5-S32-12_5-X-DOS-0

Engineered for the Core of Your Operation

Meet the Thinvent® Aero Mini PC, the compact powerhouse built to drive your essential industrial processes. Designed for reliability and seamless integration, it delivers robust performance right where you need it most.

**Unwavering Reliability for Demanding Environments**

- Forgoes complex wireless systems for ultimate stability in sensitive or secure installations.
- Its rugged, industrial-grade construction ensures consistent operation in a wide range of conditions.
- Dual Gigabit Ethernet ports provide dependable, high-speed wired connectivity for critical network tasks.

**Compact Power, Maximum Productivity**

- Harness efficient processing power to run digital signage, control systems, or point-of-sale terminals smoothly.
- Its remarkably small footprint saves invaluable space in control cabinets, kiosks, or behind monitors.
- Extensive front and rear connectivity allows for straightforward setup with a vast array of peripherals and displays.

**Simplify and Secure Your Digital Infrastructure**

- The included DOS environment offers a clean slate for installing your specialised, proprietary, or legacy software.
- By focusing on core, wired connectivity, it reduces potential network vulnerabilities for a more secure setup.
- Ready to integrate and built to last, it's the straightforward, dependable computing solution for focused industrial applications.

# Thinvent Aero Mini PC

## Specifications

### PROCESSING

| | |
|---|---|
| Generation | 14th |
| Series | Ultra 5 |
| Processor Brand | Intel |
| Processor Model | 125U |
| Cores | 12 |
| Max Frequency | 4.3 GHz |
| Cache | 12 MB |
| Main Memory | 16 GB |
| SSD Storage | 32 GB |

### DISPLAY

| | |
|---|---|
| HDMI 2.0 | 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 |
| RS485 Option | 1 |

### NETWORKING

| | |
|---|---|
| Ethernet | 1000 Mbps |
| Ethernet Ports | 2 |

### 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 | 1.62kg, 1.62kg |

### OPERATING SYSTEM

| | |
|---|---|
| Operating System | FreeDOS |

# Thinvent Aero Mini PC

## Ordering Information

PRODUCT CODE

`Aero-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]`

| | | | |
|---|---|---|---|
| RAM | **8_5** = 8GB DDR5 | **16_5** = 16GB DDR5 | **32_5** = 32GB DDR5 |
| SSD | **m128** = 128GB<br>**m32** = 32GB<br>**m1024** = 1TB<br>**S128** = 128GB | | **m256** = 256GB<br>**m512** = 512GB<br>**S32** = 32GB MLC<br>**S256** = 256GB |
| Wireless | **m** = Dual Band WiFi | | **X** = No WiFi |
| OS | **DOS** = DOS<br>**11V** = Windows 11 IoT Value<br>**Thinux** = Thinux™ Embedded Linux | | **W_OS** = Without OS<br>**11P** = Windows 11 Pro<br>**U** = Ubuntu Linux |
| Accessories | **0** = None<br>**MK** = Mechanical Keyboard | | **KM** = Keyboard and Mouse set<br>**Mo** = Wired Optical Scroll Mouse |


www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

**R&D and Manufacturing**
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

**Sales**
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India