



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_14-16-M512-12_5-X-THINUX-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, a revolutionary computing solution engineered for efficiency and performance. Experience blazing-fast responsiveness powered by the Intel® Core™ 5 120U processor, boasting 10 cores that reach up to 5.0 GHz with a 12 MB cache. Multitask effortlessly with a massive 64GB of DDR4 RAM and store your essential files on a speedy 512GB SSD.

Designed for seamless connectivity and a clutter-free workspace, this Mini PC comes equipped with extensive display options including 2 HDMI ports and 1 VGA. Enjoy clear audio with speaker out and microphone in ports, plus dedicated front ports for convenience. Connectivity is robust with 2 USB 3.0, 2 USB 2.0, 4 front USB 2.0, and 1 front USB C port, alongside a 1000 Mbps Ethernet connection.

The included Thinvent® Keyboard and Mouse set provides an ergonomic user experience, perfectly complementing the sleek black steel and ABS plastic housing. This Mini PC runs on the powerful and secure Thinix™ Embedded Linux operating system, pre-loaded with essential applications.

Key Specifications

- Processor: Intel® Core™ 5 120U (10 Core, up to 5.0 GHz, 12 MB Cache)
- Memory: 64GB DDR4 RAM
- Storage: 512GB SSD
- Display Outputs: 2 HDMI, 1 VGA
- Ports: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In, 2 USB 3.0, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C
- Networking: 1000 Mbps Ethernet
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Thinvent® Thinix™ Embedded Linux

Thinvent® Aero Mini PC: Your ultra-compact gateway to unparalleled performance and streamlined workflow.



Specifications

PROCESSING

| | |
|-----------------|--------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 16 GB |
| SSD Storage | 512 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 | 1.74kg, 1.74kg |

ACCESSORIES

| | |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

OPERATING SYSTEM

| | |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System | Thinvent® Thinux™ Embedded Linux |
| OS Features | Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP. |

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 | |

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

