



Thinvent Aero Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_13-8-M1024-12_5-M-THINUX-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC: your gateway to seamless computing and efficient operations. This ultra-compact device packs a serious punch, powered by the Intel® Core™ i5-1335U processor, boasting 10 cores, a lightning-fast 4.6 GHz max frequency, and a 12 MB cache for unparalleled performance.

Unrivaled Performance and Storage

- Experience fluid multitasking and rapid application loading with a massive 32GB DDR4 RAM.
- Store your essential files and applications with speed and ample space on the 512GB SSD.

Versatile Connectivity

- Connect to any display with HDMI and VGA outputs.
- Enjoy a range of peripherals with multiple USB 3.2 and USB 2.0 ports, including front-facing USB 2.0 and a convenient USB C port.
- High-speed 1000 Mbps Ethernet ensures stable network connections.
- Dual Band WiFi provides flexible wireless connectivity.

Intelligent and Secure Operating System

- The Thinvent® Aero runs on Thinix™ Embedded Linux, a secure and efficient operating system designed for business.
- Access the web with Chromium and Mozilla Firefox browsers.

- Effortlessly manage remote desktops with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH support.
- Enjoy browser-based remote management and VNC shadowing for ultimate control.
- Supports Java, Python, and glibc for location-based applications.
- Work efficiently with LibreOffice and a PDF viewer.
- Enjoy your media with the multimedia player featuring MPEG4 support.
- Communicate with ease using SIP video and voice over IP.

Designed for Efficiency

- Its sleek, powder-coated black housing (198mm x 187mm x 40mm) blends seamlessly into any workspace.
- The included Thinvent® Keyboard and Mouse set provides an immediate out-of-the-box experience.
- Reliable 12V 7A power adapter for stable operation.
- Built to last with robust steel and ABS plastic construction.

Certifications

- BIS, RoHS, ISO certified for peace of mind.
- Designed for optimal operation within a 0°C ~ 35°C temperature range and 20% ~ 80% RH humidity.





Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	8 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	2.03kg, 2.03kg

ACCESSORIES

Keyboard and Mouse	1
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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_13-[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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