



Thinvent Aero Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_13-8_8-M512-12_7-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.

Unrivalled 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 Thinux™ 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 × 187mm × 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.





Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	512 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	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	2.13kg, 2.13kg

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

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinix = Thinix™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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