



Thinvent Aero Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_13-16-M512-12_5-M-DOS-KM



Unleash Your Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC: Small Size, Massive Performance.

Experience desktop power without the bulk. This ultra-compact PC, built with a robust steel and ABS plastic housing, is engineered for efficiency and speed.

Powerful Processing

- Equipped with an Intel® Core™ i5-1335U processor featuring 10 cores, a blistering 4.6 GHz max frequency, and 12 MB cache, it handles demanding tasks with ease.

Seamless Multitasking

- 16GB of DDR4 RAM ensures smooth operation for all your applications.
- A swift 512GB SSD provides rapid boot times and quick access to your files.

Versatile Connectivity

- Connect to any display with HDMI and VGA ports.
- Enjoy immersive audio with speaker out and front speaker out, plus crystal-clear communication with mic in and front mic in.

- Plenty of ports for all your peripherals: 2 USB 3.2, 2 USB 2.0, 4 front USB 2.0, and 1 front USB C.
- A 1000 Mbps Ethernet port ensures reliable wired network speeds.
- Dual-band Wi-Fi 5 (802.11ac) offers flexible wireless connectivity.

Designed for Simplicity and Reliability

- Powered by a 12V 7A adapter, compatible with 100-275V AC input.
- Includes a FreeDOS operating system, allowing you to install your preferred OS.
- Comes complete with a Thinvent® Keyboard and Mouse set for immediate productivity.
- Compact dimensions (198mm x 187mm x 40mm) and a sleek black finish make it ideal for any workspace.
- Built to last with BIS, RoHS, and ISO certifications.
- Operates efficiently in a range of environments (0°C ~ 35°C, 20% ~ 80% RH).



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	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	FreeDOS
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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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