



Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12H-32_32-M512-12_7-M-DOS-KM



Your workspace, reimagined with effortless power.

The Aero Mini PC is built for the professional who needs reliable performance without the desktop footprint. Whether you are juggling spreadsheets, running a point-of-sale system, or powering a digital display, this compact workhorse delivers the smooth, responsive experience you need to get the job done.

Why choose the Aero Mini PC over a bulky tower or a repurposed laptop?

- It saves valuable desk space, fitting neatly behind a monitor or tucked away under a counter
- Its cool, quiet operation means you can focus on your work, not the hum of a fan
- Dual-band Wi-Fi keeps you connected without a tangle of cables, perfect for modern, clutter-free setups
- The included Thinvent keyboard and mouse set means you are ready to start working straight out of the box

For a reception desk, a library workstation, or a light industrial control panel, the Aero Mini PC delivers dependable, day-in, day-out performance. Its solid steel and ABS housing, finished in tough powder coating, is built to withstand the rigours of a busy environment.

Don't let its size fool you. Powered by a 12th Gen Intel Core i5 processor, this mini PC handles everyday applications with ease. With 4GB of RAM and a 128GB solid-state drive, your system boots quickly and applications launch without delay. And with a full complement of ports – including USB-C, HDMI, and VGA – connecting your peripherals and displays is straightforward.

The Aero Mini PC is the intelligent choice for a tidy, efficient workspace. Choose reliability, choose space, choose a computer that works as hard as you do.



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Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 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	2.23kg, 2.23kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

Aero-i5_12H-[RAM]-[SSD]-12_10-[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		m256 = 256GB	
	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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