



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

No WiFi

DOS

SKU: AERO-I5_12H-32_32-M512-12_7-X-DOS-0



Brilliant computing for space-conscious industry.

Space is tight in industrial settings, but your computing performance can't compromise. That's exactly where the Thinvent Aero Mini PC shines. Designed from the ground up for workloads that demand raw processing power without swallowing up valuable desk or rack space, this compact workhorse is the smart foundation for control stations, edge processing, and standalone kiosks.

Why choose it for your operation

- A powerful 12th-generation Intel Core i5 processor delivers the responsiveness you need for real-time data handling, multi-window monitoring software, and quick application launches. Every click and command gets immediate attention.
- Zero reliance on wireless means absolute network reliability. Pair it directly to your secure ethernet infrastructure in a factory or healthcare deployment without interference risks or security holes. You are in total control.
- The humble but purposeful configuration gives you low up-front cost for industries that value performance affordability at scale. Standardise a whole productive floor with high-performance fits for automatic control tasks and embedded coding across deployments.

- DOS basis lets you slap on your preferred operating system without wasteful overhead or licensing inflation. Use tightly custom-guarded or budget streamlined OS fits delivered OS-independent at system install moment where infrastructure prerequisites surround efficiently uninterrupted offline use potential.

Few market options offer this backbone of industrial-pluses without noise about addition pricing for flexible packaging which changes quicker projects benefit more.

Make smarter space, not bigger size. Get genuine uptime performance aligning powerfully at lower budgets: a Mini PC seconded extraordinarily. Trust Thinvent qualified reliably- true simple purpose solution overall built useful flexible plus ready approved already operational out-the-minute high yield bare exactly as instantly produced. Unnecessary complexity now becomes nonexistent affair with Thinvent dependable bottom.

Swift allocation designed honestly with powerful precision fit implementation always worth acting now.



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
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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	1.71kg, 1.71kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

Aero-i5_12H-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
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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