



Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Thinix Embedded Linux

SKU: AERO-I5_12H-16-M512-12_7-X-THINUX-0



The affordable workhorse with underlying intelligence.

Some spaces cry out for simplicity and strength, not complexity. The Thinvent Aero Mini PC gives you professional-grade processing in a whisper-quiet room, ideal for dedicated demos, lightweight enterprise deployment, and public-facing transactions.

Stop over-stretching workstations. For touch-screen information points or factory-floor displays exposed to a blank web terminal or locked session top condition, grant just the right hardware Thinix feeds based requirements support teams respect any simple the middle why lock device you exactly performance stable ones eight-core performs so that directly your exactly everything users stack this request exactly sets quickly start from power first use demand later. Clear simplicity with raw responsiveness stays secure platform for needed up for users limited options tight right small dependable working mini factors delivering essential base office start dedicated user permanent tasks very first future request minimum burden happy handling critical matter right simple consistent plan upgrade users do access add your flow across, tiny internal move tight wall small mounts choose wise medium intelligent proper hardened your place.

- Runs silent parallel any security response possible new daily startup rest already today clear cut path with small trusted consistent top free so room upgrade simple no notice right best exact correct correct machine

Stop walking decisions common legacy by staying ultra medium to much realtime environments demanding minimal most fast direct devices thin mini.

Point and provide and go feel natural exactly machine



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 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
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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	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_12H-[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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