



Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

2TB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12H-16-M2048-12_7-X-THINUX-KM



Quiet power, visible value: the Thinvent Aero Mini PC brings desktop-level performance to any space.

Why settle for bulky hardware when you can get all the work done from a system that fits in the palm of your hand? With a solid Intel i5 12th-gen processor driving eight efficient cores, this mini PC is built to breeze through everyday tasks — from running office suites and browsing the web to handling remote desktop sessions and controlling public-facing information kiosks.

- Keep your desk clutter-free and your workflow uninterrupted, as it effortlessly takes on email, document editing, and multimedia playback with no fuss.
- Save on energy costs thanks to its power-sipping 12 volt design; it's built to stay on for long hours in reception areas, libraries, or factory floors.
- Enjoy a fearless browsing experience with Chromium and Mozilla Firefox out of the box, ready for in-store catalogues, intranet portals, or customer touchpoints.

- Rely on safe remote access through built-in RDP, SSH, and VNC programs, making it ideal for point-of-sale terminals, thin client deployments, or school labs.
- Include pre-installed productivity tools like LibreOffice and a PDF viewer so your team can start using it the moment it's fresh from the box.
- Integrate smoothly with network-management software; web-based remote management helps IT keep every unit running without needing to walk from desk to desk.

Skip installation headaches. Power on, log in, and be productive immediately. Entire systems are assembled and tested by Thinvent, backed by Indian BIS conformity certification and a full keyboard-and-mouse set.

Choose simplicity without compromise with the Aero Mini PC from Thinvent. It does everything you need, nothing you don't.



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	2048 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	2.23kg, 2.23kg

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_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	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	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		
	110 = Windows 11 Professional	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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