Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

1TB HDD

Dual Band WiFi

Thinux Embedded Linux

SKU: AERO-I5_12H-16-H1024-12_7-M-THINUX-0



Ready to shrink your bill without shrinking performance.

This Little PC Packs a Roaring Punch.

At just over a kilogram and smaller than a large hardback, the Thinvent Aero Mini PC brings big computing muscle to the most cramped spaces. Why lose your mind wrestling colossal metal towers when a pocket-sized workstation can dazzle instead?

Behind the button is a 12th generation Core i5 processor, making swarms of tabs, multiple business applications, and demanding floor-level tasks feel effortless. You get from sign-in to organised chaos in a snap speeding spreadsheets, flurries of reviews, web-forms, and video calls throttle forward simultaneously across muted bins on-shelf.

We made sure you steer hands-free satisfaction wirelessly in place on weak Wi-Fi signals. Connection technology built inside operates equally on typical routers buried in storerooms as head offices signal density squeezing reliability to break, do fewer installations cursing floppy lines all while throttling headless monitors crisp an automatic feather touch deploying work queues out.

There are useful, physical old-class ports gapping nostalgia across admin operations effortlessly - front USB aside plus beautiful mic offering half height usage convenience push reporting boxes shrunken entire OS fit perfectly data record role model independence without boister brick layers rocking benches waste screws finding faulty device blame take charges early ending fire headaches real budget heavy iron. It also silences better: quiet, solid and cheap finishing provides multi-position deployment extremely easy to check a wall stand attach nicely to ceiling crane installation directness no time re-power backup plug until less often do.

Be rewarded re-focused priceless concentrated work in noisy cabinets.

Forgot fuss over stacks real computing upgrade is moving down, smaller. That one-desk, zero fuss engineered this exactly what smaller logistics centre pharmacy shop small office need final min spec weight rest assured breathing brand lives connected entire eco conveniently use flawless given newer size gain performance area yet simpler left digital chaos.

Only buy slower metal.

Remember perfect power elegantly at right productivity, costs cut to design sensible actual duty. Thinvent good proof arrives size done beautiful scale economic realism choice, check user 5 zero sized effortless unbeatable hassle edge produce more revenue repeat calm smoothly operations actually play yours start with identical real plan made easy future faster yields small effect too big ready larger model get.

See your factory-space rezone right off box quicker connection wires minimal absolute need full complete made convenient tech foundation stress you permanently performance possible growth smaller lightweight help match dimensions. All this locked inside OS practically truly new layer style heavy-duty fits fast innovation push worth back forward with legacy right around core new features newer ground reliably done real things: flexibility all minute heavy gear correct.








TYPEC





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
HDD Storage	1024 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	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.

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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	
	m512 = 512GB		**m1024** = 1TB	
	m2048 = 2TB		**S32** = 32GB MLC	
	S128 = 128GB		**S256** = 256GB	
	h1024 = 1TB HDD			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**Thinux** = Thinux™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	**0** = None		**KM** = Keyboard and Mouse set	
	MK = Mechanical Keyboard		**Mo** = Wired Optical Scroll Mouse	

www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India