Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

1TB HDD

No WiFi

Thinux Embedded Linux

SKU: AERO-I5_12H-32-H1024-12_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 Thinux 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	32 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

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	

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