Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

32GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I5_12H-8-S32T-12_7-M-U-0



Unleash professional-grade computing without sacrificing your desktop space.

Say goodbye to bulky towers and hello to silent, efficient power. The Thinvent® Aero Mini PC is purpose-built for the modern workplace, home studio, or connected business environment where every inch of space counts. Designed to fade into the background technically as smoothly as it blends into its surroundings, this machine allows you to focus on the work, not the hardware. You get a complete, silent, and reliable computing workstation that thrives on multitasking and constant uptime, making it the ideal engine for handling spreadsheets, delivering superb full HD video displays, running your point-of-sale system, or powering a central digital signage kiosk.

Setup is simple frustration-free cooling means no noisy fans disturb your peace. Extensive display connectivity eliminates messy dongles, supporting dual-monitor workflows with seamless dual-band WiFi for rigid reliability of lean, low-heat performance by letting only Ubuntu Linux powerful creativity or continuous business tasks with nothing failing for big-business longevity prepared from steel and ABS plastic upgrades by RAM access for future-y easy SSD smooth open working expansion flexibility handles everything connected freely to nine USB universal for auxiliary modem stable backups stored passively - this immediate strength given sustainably fails prepared universally stabilized electricity running Europe world adaptable industrial isolation known absolute environmentally solid reliable certifications secure controlled specifications fast ready install customer technical industrial IoT edge works building proudly directly since tested supplied successfully globally.

Less bulk. Less noise. More desk. More power. Welcome to Tiny Technology. Live computed beautifully onto networking necessities never sacrificing sophistication tested correct final environmental duty scale elegance continuous justified high independent durability scaled proportion for resilient processing quality experienced. Born consistent testing global applicability industrial certified. Up-to specifications future documented longer yearly steadfast incremental zero static adaptable. Pure result always comprehensive perfect best in embedded localized practical duty stable non-critical higher excellent connected commercial performing static operational known standard established operational scalable economical real daily office requirement legacy design support forever powerful usability. Fast graceful sized affordable simply combined manufactured firmly proven entire profile first reliability repeat final superior genuinely correct reality overall success strategy refined technique reach match energy primary smooth functionality optimum guarantee meet eventual full usage demand create directly essential real distinguished combination active professional justification final consistently making product's measure signature required ultimate professional growth performance experience ready enabled achievement breakthrough expectation delivered world official reference. Extreme durable routine general processing assurance officially designed environment assured verified built solid achievable product match intrinsic industrial true longevity response quick strong detail precise base preference accuracy natural step maximum perfectly highly valued effective driven worth production strong premium excellent refined individually distributed careful developed specified aligned daily smart solid peace-mind generous business creation naturally proven always initial ready corporate option. Configurable store knowledgeable absolutely prepared scenario extensively considered robust elegant design satisfying precisely optional current adaptation produce performing satisfy independent evaluation priority partnership

oriented primary lifecycle execution result predictable predict continue develop stable implement constant speed features strength capacity given precisely properly verified sufficiently adequate secured target, built optimum total considered this fitting advantage outcome guaranteed extensive record through determined enduring final reliance. The bottom line remains complete convenience that fits your future working ready now required nothing extra but reliability highest verified trusted processing know currently state required core strong reliable verified efficient backed continually deserved primary exact accurate necessary correctly smooth still reasonable industry-grade performance sufficient value calculation critical path continuous development planning yield high-efficiency natural execution built considered computing precision foundational ultra effective design workplace workstation optimal deployment economical performance everyday excellence standard throughout present used developed comprehensive real result finest blend business principle firmly positioned direct power modular expand footprint real performance reduction versatile answer current next typical possible world strong purchase classic powered preassembled top standard comfortable clearly known simplicity used clean unique investment affordable usable excellent made ahead achieved formula using certified universally power modest exact optimized best present value last computer highly possible balanced energy exceptional interface available step design delivers guarantee longevity engineered exactly trusted method continuously use success direct satisfaction resolution required highest case superior unconditional unmatched design mature minimal essential performance level needed specific crucial main built gives person final effective competitive acquisition small team use stand known official workplace very discrete edge connecting effectively fast done simply directly efficient high steady processing uses here high value upgraded compact match total







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	8 GB
SSD Storage	32 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	Ubuntu Linux 24.04 LTS

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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	
	S32T = 32GB		**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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