



Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I5_12H-32_32-M128-12_10-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-ready 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	64 GB
SSD Storage	128 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	10 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_10-[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	
	S32 = 32GB MLC		S128 = 128GB	
	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	
	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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