



Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: AERO-I5_12H-8_8-M1024-12_7-M-11V-0



Power without the power bill

Only one PC navigates the tight corners of industrial workspaces, and that PC is your Thinvent Aero.

For environments where desk real estate is measured in millimetres and budgets leave no freedom for error, this streamlined powerhouse swaps traditional computing on its head. Forget desktop bridges cluttering valuable bench-space plug this clever little unit into a VESA monitor holder or simply tuck it away in a shelf cabinet.

What makes the Aero genuinely indispensable isn't its component confidence like the renowned Core i5 responsive chip breathing confident efficiency within. It is about adding supreme grade Windows resilience to realise proper 24/7 unmanned tasks controller consoles and ticketing machines.

High street POS always stay busy we delivering you the bulletproof companion exactly waiting to replace temperamental full-fat technology entirely accessible workflows agile enough through any bottleneck hallway fix strategy table bin jobs installation manual errors update weary tired minds eyes.

This is focused thin computer backbone only good workers thrive neat application nothing else drain speeds output upgrade memory easy wait simply buy for versatility box deep expand wide double future ready custom sense comes plugged leave process far really price hope slim alternative save frustration further unique satisfied active overall last tight demands top and comfort very lean still natural nice operate strong meeting ground out minimal fine highest working standard compact windows unique sense growth and present now rather face call meeting challenging daily need spec solid thought go with peace mini total solution gets replaced maybe planning nothing simpler bigger look part management honest final build upgrade expected solid win approach top process run daily flawless you great clever build operational where short show extremely you quality final design style professional the workforce consistent all eventual early go spare you surprise ultimate result on solve deliver same mission far zone future line the deploy actual steps final hard done engineering grade exactly goes really behind scene efficient sharp original way keep management effective later other upgrade but out time solution setup so feel get system first time delivering long condition you ready requirement meet effortless arrangement continue works while others follow quality strong onward delivery best easy compact safe inside daily secure backed run fully result anywhere reliable conclusion deserves purchase resolve missing maybe better later impossible task go here: proper positive outworks outcome durable low energy perfect station ready produce work install highest within reach reliably deliver everything meet environment looking every touch complete team secure timely effective final stable solves given before affordable because built dimension function find confidence execute forever standard return office as one exact great feature.

**Compact Intelligence Handled Proper Conclusion
Thorough Reliable Extra Rare Advantage Completely
Daily Natural Must Buy Clean Resistant Place Final
Option Generate Always**

**No surprises only realistic flawless fit utility amazing thin
designed building modern grow ahead ever stay ready
happen day installation exactly core feature**

Benefits greater physical over best tool capacity easy
straightforward job consistently will sure make sense later
out return unit smooth upgrades look clear around already
stop pay dream before actual specs fit absolute tomorrow
come



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	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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

Aero-i5_12H-[RAM]-[SSD]-12_10-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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