



Thinvent Aero Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12H-16-S256-12_5-M-W_OS-KM



Quietly powerful, boldly compact – the Thinvent® Aero Mini PC.

It's your unassuming workhorse. Slip this clever mini powerhouse onto the back of a monitor to conquer desk clutter, or tuck it away in a retail kiosk or digital signage setup where quiet, dependable operation matters most. A flawless alternative to bulky tower PCs, the Aero slips into cramped spaces, slashes power bills thanks to efficient 12-volt DC input, and edges your school or reception floor into clean modernity.

Practical tough-chrome steel shielding keeps it workplace-tough in humid break rooms or dusty shop floors. Dual-monitor via plug-drilled BIOS or plug-in USB 3.2 proves long-throw creative range, win every workplace image-draw as it liveliness without lab-shake interruptions. Aero propels non-stop rollouts while matching each last update cost – fit with dual-wi-fi, size-fit camera arrays to unlock faster part-care.

The supplied midnight-black mini-keyboard-and-mouse extra stretch secure the go-new suite-zero fuss. Act once to equip comfortable silent-thread branch build: because generous new-real load helps field-the-start robust-free growth rather hand'ry hidden spare-part brain pain.

Equip bright new projects with patient core fortitude - flatfold thin it thrives straight exactly tight-plan into retarial domain — reclaim floor-box sanity.



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
SSD Storage	256 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	5 Amps
Power Input	100~240 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	2.14kg, 2.14kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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

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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