



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-16-M2048-12_7-M-DOS-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC: Engineered for performance and designed for your workspace. Experience seamless multitasking and swift responsiveness thanks to the cutting-edge Intel® Core™ i5-1250P processor. This 12-core powerhouse, with a boost up to 4.4 GHz and 12 MB cache, handles demanding applications with ease, while 8GB DDR4 RAM ensures smooth operation. Store all your essential files and applications on the speedy 256GB SSD.

Key Features and Connectivity

- Processor: Intel® Core™ i5-1250P
- Cores: 12
- Max Frequency: 4.4 GHz
- Cache: 12 MB
- Main Memory: 8 GB DDR4
- SSD Storage: 256 GB
- Versatile Display Options: 1 HDMI, 1 VGA for dual monitor support.
- Rich Audio: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In.

- Extensive USB Ports: 2 USB 3.2, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C for all your peripheral needs.
- High-Speed Networking: 1000 Mbps Ethernet and Dual Band Wi-Fi 5 (802.11ac).
- Efficient Power: 12V 7A Adapter included, with a wide input voltage range.
- Built for Reliability: Durable Steel and ABS Plastic housing in sleek black, powder coated for a premium finish.
- Compact Design: Dimensions of 198mm × 187mm × 40mm fit perfectly into any setup.
- Included Peripherals: Thinvent® Keyboard and Mouse set.
- Flexible Operating System: Comes with FreeDOS, ready for your preferred OS installation.
- Environmental Resilience: Operates optimally in a wide temperature and humidity range.
- Trusted Certifications: BIS, RoHS, ISO compliant.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	2048 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	2.23kg, 2.23kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

Aero-i5_12-[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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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