



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

No WiFi

DOS

SKU: AERO-I5_12-32_32-M512-12_7-X-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Experience revolutionary computing with the Thinvent® Aero Mini PC. This compact powerhouse, driven by an Intel® Core™ i5-1250P processor featuring 12 cores and speeds up to 4.4 GHz with 12 MB cache, delivers exceptional performance for demanding tasks, seamless multitasking, and efficient productivity. Say goodbye to slow loading times with a lightning-fast 1TB SSD, ensuring rapid boot-ups and instantaneous application launches, complemented by 4GB of DDR4 RAM for smooth operation.

Connectivity Beyond Expectation

- Connect to any display with both HDMI and VGA ports.
- Access a total of 8 USB ports, including 2 high-speed USB 3.2 ports, 6 USB 2.0 ports (4 conveniently located on the front), and a versatile front USB-C port for modern peripherals.

- Enjoy crisp audio with dedicated speaker out and mic in jacks, both front and rear for convenience.
- Secure a blazing-fast and reliable network connection with its 1000 Mbps Ethernet port.

Despite its remarkably small dimensions of 198mm × 187mm × 40mm, crafted with a durable steel and ABS plastic housing, finished in sleek powder-coated black, this mini PC is built to last and blend seamlessly into any environment. Shipped with FreeDOS, it provides a flexible platform, ready for your preferred operating system and network solution, offering ultimate customization and value. Powered by a robust 12V 7A adapter with a wide 100-275V AC input range, the Aero Mini PC is a testament to efficient, reliable, and powerful computing in a footprint you barely notice. Certified with BIS, RoHS, and ISO, it guarantees quality and peace of mind.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	512 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
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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	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

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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