



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

512GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-4-M512-12_5-X-DOS-KM



Unleash Powerful Performance in a Compact Form

Introducing the Thinvent® Aero Mini PC, engineered for efficiency and seamless operation.

Key Specifications

- Processor: Intel® Core™ i5-1250P, boasting 12 cores for exceptional multitasking and up to 4.4 GHz speed with 12 MB cache for rapid data access.
- Memory & Storage: 32GB DDR4 RAM ensures smooth operation with demanding applications, complemented by a fast 256GB SSD for quick boot times and file transfers.
- Connectivity: Versatile I/O includes 1 HDMI and 1 VGA for dual display support, 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In, 2 USB 3.2 ports, 2 USB 2.0 ports, 4 Front USB 2.0 ports, and 1 Front USB C port for all your peripheral needs.
- Networking: A robust 1000 Mbps Ethernet port ensures stable and speedy internet connectivity.

- Power: Efficient 12V 7A adapter with universal 100~275 Volts AC input, featuring a 2-meter cable for flexible placement.
- Design: Compact dimensions of 198mm × 187mm × 40mm with a durable, powder-coated black steel and ABS plastic housing, built to withstand operating temperatures of 0°C ~ 35°C and humidity of 20% ~ 80% RH.
- Included Accessories: Comes complete with a Thinvent® Keyboard and Mouse set and FreeDOS operating system, ready for your customization.
- Certifications: BIS, RoHS, ISO certified for quality and safety.

Experience a desktop solution that blends impressive power with an incredibly small footprint. The Thinvent® Aero Mini PC is perfect for office workstations, digital signage, and any environment where space is at a premium but performance is non-negotiable.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 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	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	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 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB 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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