



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

128GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-32-M128-12_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	32 GB
SSD Storage	128 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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