



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

256GB SSD

No WiFi

DOS

SKU: AERO-I5_12-8_8-S256-12_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.



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	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
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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		m256 = 256GB	
	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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