



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

No WiFi

DOS

SKU: AERO-IS_14-16-S256-12_5-X-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Experience the Thinvent® Aero Mini PC, a compact powerhouse engineered for peak productivity and reliability. Featuring the Intel® Core™ 5 12U processor, this mini PC redefines efficiency for demanding tasks in any environment.

Core Performance

- Intel® Core™ 5 12U processor: 10 cores, up to 5.0 GHz, 12 MB cache for blazing-fast processing.
- Ample Memory: 16GB DDR4 RAM ensures smooth multitasking.
- Swift Storage: 128GB SSD for rapid boot times and quick application loading.

Robust Connectivity

- Dual Display Support: 2 HDMI ports and 1 VGA port for versatile multi-monitor setups.
- Extensive USB Options: 2x USB 3.0, 2x USB 2.0 (rear), 4x Front USB 2.0, and 1x Front USB-C for all your peripherals.
- Dedicated Audio: Speaker Out, Mic In, Front Speaker Out, Front Mic In for comprehensive audio solutions.
- Gigabit Ethernet: 1000 Mbps wired connection for secure and stable network performance without WiFi.

Designed for Durability and Flexibility

Crafted with a durable steel and ABS plastic housing, finished in sleek black powder coating, the Aero Mini PC measures a mere 198mm × 187mm × 40mm. Its compact size belies its power, making it ideal for space-constrained setups. Operating on FreeDOS, it provides the ultimate flexibility for installing your preferred operating system or specialized applications. This robust unit is certified for quality with BIS, RoHS, and ISO standards, ensuring long-term reliability. Power input ranges from 100~275V AC for broad compatibility with a 2-meter cable.

Benefits at a Glance

- Exceptional processing power for business, education, or industrial use.
- Secure and stable wired-only networking for critical applications.
- Highly versatile with extensive port options for any setup.
- Space-saving design with a rugged, certified build.
- Freedom to customize your operating system experience with FreeDOS.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	256 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	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	1.23kg, 1.23kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE				
Aero-i5_14-[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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