



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

DOS

SKU: AERO-I5_14-16-M2048-12_5-M-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Experience unparalleled power with the Thinvent® Aero Mini PC. Designed for professionals and power users, this compact powerhouse redefines efficiency without compromise.

Performance at its Core

- Driven by an Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a 12 MB cache, it delivers lightning-fast multi-tasking and seamless application performance.
- Bolstered by 16GB DDR4 RAM, handle demanding workloads with effortless fluidity.
- Enjoy blazing-fast boot times and quick application launches from the integrated 32GB MLC SSD.

Connect with Ease

- Expand your visual workspace with dual HDMI and a VGA port for up to three displays.
- Stay connected with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for reliable, high-speed networking.

- A wealth of ports including 2x USB 3.0, 6x USB 2.0 (4 front), and a front USB C ensure all your peripherals are easily accommodated.
- Dedicated front and rear audio jacks provide complete audio control.

Robust and Compact Design

- Its sleek, black, powder-coated steel and ABS plastic housing measures just 198mm x 187mm x 40mm, fitting seamlessly into any environment.
- Powered by an efficient 12V adapter, it's designed for stable, energy-conscious operation.

Your Freedom, Your Choice

- Comes with FreeDOS, giving you the flexibility to install your preferred operating system.
- Backed by BIS, RoHS, and ISO certifications, guaranteeing quality and reliability.



Thinvent Aero Mini PC



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	2048 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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
SSD	m128 = 128GB		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB		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	
	110 = Windows 11 Professional		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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