



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Without OS

SKU: AERO-I5_14-16-M512-12_5-X-W_OS-0



Unleash compact power: The Thinvent® Aero Mini PC.

Experience uncompromising performance in a footprint that redefines efficiency with the Thinvent® Aero Mini PC. Engineered for demanding workloads and specialized applications, this mini PC packs a serious punch for businesses and developers seeking robust, customizable solutions.

Unrivalled Performance

- Powered by an Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a substantial 12 MB cache, for lightning-fast processing.
- Seamlessly multitask and power through memory-intensive applications with 32GB of high-speed DDR4 RAM.
- Benefit from ultra-responsive operation and enhanced data reliability thanks to its 32GB MLC SSD, ensuring quick boot times and rapid data access.

Robust Connectivity

- Expand your visual workspace with dual HDMI and a VGA port, supporting multiple displays for maximum productivity.

- Connect all your essential peripherals with ease via 2x USB 3.0, 2x USB 2.0, 4x front USB 2.0, a versatile front USB C port, and integrated audio jacks for microphone and speaker.
- Enjoy secure and stable network performance with a dedicated 1000 Mbps Ethernet port.

Built for Reliability

- Designed for specific deployments, this unit comes without an operating system, offering you complete freedom and cost savings for tailored software solutions.
- Its absence of WiFi ensures enhanced security for sensitive environments, providing a stable wired connection.
- Housed in a durable, powder-coated black steel and ABS plastic enclosure (198mm x 187mm x 40mm), it's built to withstand rigorous use.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and environmental compliance.

The Thinvent® Aero Mini PC: Your solution for powerful, reliable, and customizable computing in a compact form factor.



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	512 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	Without OS
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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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