



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: AERO-I5_14-64-M512-12_5-M-11P-0



Unleash Mighty Performance in a Mini Footprint.

Introduction

Discover the Thinvent® Aero Mini PC, a powerhouse of productivity engineered for demanding professionals and efficient businesses. This compact marvel redefines desktop computing, delivering uncompromised speed and versatility in an incredibly small form factor.

Power & Speed Redefined

- Experience lightning-fast operations with the Intel® Core™ 5 120U processor, featuring 10 cores and an impressive turbo frequency of up to 5.0 GHz, complemented by 12 MB of cache for swift data access.
- Seamlessly juggle multiple applications and heavy workloads with 16GB DDR4 RAM.
- Benefit from ultra-rapid system boot-ups and application loading thanks to the 32GB MLC SSD.
- Navigate effortlessly and securely with Windows 11 Pro pre-installed, offering a modern, productive, and protected computing environment.

Extensive Connectivity & Versatility

- Drive multi-monitor setups with ease using dual HDMI ports and an additional VGA output.

- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a high-speed 1000 Mbps Ethernet port.
- Connect all your peripherals with a comprehensive array of USB ports, including 2x USB 3.0, 6x USB 2.0 (4 front-facing), and a modern front USB-C port.
- Enjoy comprehensive audio solutions with dedicated speaker out, mic in, and front audio jacks.

Compact & Durable Design

- Its sleek black housing, crafted from robust steel and ABS plastic with a powder-coated finish, measures just 198mm x 187mm x 40mm – fitting seamlessly into any workspace.
- Built for reliability, it operates efficiently in temperatures from 0°C to 35°C and is certified with BIS, RoHS, and ISO standards, ensuring quality and environmental compliance.
- Power it anywhere with a wide-range 100~275V AC input adapter, featuring a generous 2-metre cable.

Thinvent® Aero Mini PC: Elevate your computing experience without sacrificing space or performance.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	64 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
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	Microsoft Windows 11 Pro
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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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