

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_14-16-M512-12_5-M-W_OS-KM



Unleash Your Productivity with the Mighty Thinvent® Aero Mini PC

Experience unparalleled performance in a compact powerhouse. The Thinvent® Aero Mini PC redefines desktop computing, blending raw power with an elegant, space-saving design. Powered by the Intel® Core™ 5 120U processor, featuring 10 cores that reach up to 5.0 GHz with a substantial 12 MB cache, this mini PC handles demanding tasks with effortless grace. Multitask like a pro with 8GB of DDR4 RAM and enjoy lightning-fast boot times and application loading thanks to the 128GB SSD.

Key Features & Benefits

- **Powerhouse Performance:** Harness the 10 cores, up to 5 GHz speed, and 12 MB cache for seamless multitasking and rapid processing.
- **Ample Storage and Memory:** 8GB DDR4 RAM and 128GB SSD provide responsive performance for your everyday needs.
- **Versatile Connectivity:** Equip yourself with dual HDMI outputs, VGA, multiple USB ports (including front USB C), and a gigabit Ethernet port for all your peripherals and displays.

- **Enhanced Audio and Mic Options:** Dedicated speaker out and mic in ports, including front options, for clear audio experiences.
- **Wireless Freedom:** Stay connected with dual-band Wi-Fi 5 (802.11ac) for stable and fast wireless internet.
- **Included Peripherals:** Comes complete with a Thinvent® keyboard and mouse set, ready for immediate use.
- **Built for Reliability:** Robust steel and ABS plastic construction in a sleek black powder-coated finish, designed for the demanding environment of 0°C ~ 35°C.
- **Power Efficiency:** Operates on a reliable 12V 7A adapter, compatible with a wide voltage range (100~275 Volts AC).
- **Future-Proofed:** Designed without an operating system, giving you the freedom to install your preferred OS and tailor your system from the ground up.
- **Compact Footprint:** Measures a mere 198mm × 187mm × 40mm, fitting discreetly into any workspace.



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
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	1.74kg, 1.74kg

ACCESSORIES

Keyboard and Mouse	1
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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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