



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 IoT Value

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



Compact Brilliance, Unrivaled Performance.

Experience the future of computing with the Thinvent® Aero Mini PC. Engineered for demanding tasks in a surprisingly small footprint, this powerhouse delivers exceptional speed and efficiency to elevate your productivity across any environment.

Unleash Peak Performance

- Driven by the Intel® Core™ 5 120U processor, featuring 10 cores and speeds up to 5.0 GHz with a 12 MB cache, the Aero Mini PC tackles intensive applications with effortless grace.
- Multitask without limits thanks to 32GB of high-speed DDR4 RAM, ensuring seamless operation even with resource-heavy programs.
- Enjoy lightning-fast boot-ups, rapid application loading, and instant data access from the spacious 512GB SSD.

Seamless Connectivity & Versatility

- Connect to multiple displays with dual HDMI and a VGA port for expansive, productive workspaces.
- Stay wirelessly connected with fast, dual-band Wi-Fi 5 (802.11ac) or leverage Gigabit Ethernet for robust wired speeds up to 1000 Mbps.

- A comprehensive array of 8 USB ports (including USB 3.0 and a front USB-C) ensures all your peripherals, old and new, are easily accommodated.
- Dedicated front and rear audio ports provide flexible input and output options.

Designed for Reliability

- Pre-installed with Windows 11 IoT Enterprise LTSC 2024 Value, offering a stable, secure, and long-term supported operating environment ideal for business and dedicated applications.
- Its ultra-compact 198x187x40mm steel and ABS chassis, powder-coated in professional black, ensures durability and a sleek aesthetic that fits seamlessly into any setup.
- Built to global industry standards with BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance.

The Thinvent® Aero Mini PC is your ultimate solution for powerful, durable, and space-saving computing.



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 IoT Enterprise LTSC 2024 Value
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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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