



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: AERO-I5_14-64-M1024-12_5-X-11V-0



Unleash Compact Power. Unrivaled Performance for Your Business.

Introducing the Thinvent® Aero Mini PC, your ultimate solution for robust, high-performance computing in a compact form factor. Engineered for demanding industrial, embedded, and specialized applications, this mini PC delivers exceptional speed and reliability where it matters most.

Powerful Performance

- At its heart lies an Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a substantial 12 MB cache, ensuring seamless multitasking and lightning-fast processing for critical operations.
- Paired with 8GB DDR4 RAM, you'll experience smooth application execution and responsive performance.
- The 32GB MLC SSD guarantees rapid boot-ups and quick access to essential data, perfect for dedicated system deployments.

Versatile Connectivity

- Expand your workspace with triple display support via two HDMI ports and one VGA port.

- Connect all your peripherals with ease using a rich array of USB ports, including 2x USB 3.0, 6x USB 2.0 (4 front, 2 rear), and a modern front USB C port.
- Enjoy stable, high-speed network connectivity with a dedicated 1000 Mbps Ethernet port, ideal for secure wired environments.

Built for Business

- Running on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Aero Mini PC offers a secure, stable, and long-term supported platform tailored for specialized tasks.
- Its durable steel and ABS plastic housing, finished in powder-coated black, ensures longevity in diverse operating environments.
- With compact dimensions of 198mm x 187mm x 40mm, it integrates seamlessly into any setup.
- Certified with BIS, RoHS, and ISO, guaranteeing quality, safety, and environmental responsibility.

Experience the perfect blend of power, reliability, and compact design with the Thinvent® Aero Mini PC, engineered to drive your success.



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	1024 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	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	

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

+91-99903-44251

R&D and Manufacturing

#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India

