Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I5_14-8-M1024-12_5-M-U-0

Thinvent® Aero Mini PC: Unleash Compact Power, Uncompromised Performance.

Experience desktop-grade power in a sleek, compact form factor with the Thinvent® Aero Mini PC. Engineered for speed and efficiency, this powerhouse is designed to handle your most demanding tasks with ease, making it perfect for office, home, or specialized applications.

Unrivaled Performance

- At its heart lies the Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache, ensuring lightning-fast responsiveness and seamless multitasking.
- Paired with a massive 32GB DDR4 RAM, you can effortlessly run multiple applications, edit large files, and switch between tasks without a hint of slowdown.
- Boot up in seconds and access your files at incredible speeds thanks to the 512GB SSD, providing ample storage for your essential data.

Empowering Operating System

- Pre-installed with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and user-friendly computing experience. Benefit from open-source flexibility, robust privacy features, and freedom from licensing costs.

Seamless Connectivity

- Drive multiple displays for enhanced productivity or immersive entertainment with two HDMI and one VGA output.
- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a rapid 1000 Mbps Ethernet port.
- A comprehensive array of USB ports – including two USB 3.0, six USB 2.0, and a convenient front USB-C – ensures all your peripherals are easily accommodated, complemented by a complete audio solution.

Designed for Durability

- Housed in a robust black powder-coated steel and ABS plastic casing (198mm × 187mm × 40mm), the Aero Mini PC is built to last.
- BIS, RoHS, and ISO certifications guarantee quality, safety, and environmental responsibility, ensuring reliable performance in typical operating environments.

Grab yours today and redefine your computing experience.

Thinvent Aero Mini PC

Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	8 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
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	Ubuntu Linux 24.04 LTS

thinvent

Thinvent Aero Mini PC

Ordering Information

PRODUCT CODE

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Aero-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]
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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	
	Thinux = Thinux™ 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