



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I5_14-32-M1024-12_5-M-11V-KM



Unleash Powerful Productivity in a Compact Form: The Thinvent® Aero Mini PC.

Experience unparalleled performance and efficiency with the Thinvent® Aero Mini PC. Powered by the cutting-edge Intel® Core™ 5 120U processor, featuring 10 cores reaching up to 5.0 GHz with a 12 MB cache, this compact powerhouse handles demanding tasks with effortless speed and responsiveness. Enjoy seamless multitasking and lightning-fast application loading thanks to 8GB of DDR4 RAM and a speedy 512GB SSD.

Connectivity and Versatility

- Dual HDMI and one VGA port offer flexible multi-display setups.
- Ample USB ports (2x USB 3.0, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C) ensure all your peripherals are accommodated.
- Integrated 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) provide reliable and high-speed network connections.
- Dedicated audio jacks for speaker out and mic in, including front options, simplify audio integration.

Built for Reliability and Ease of Use

The robust steel and ABS plastic housing in a sleek black powder-coated finish provides durability. Operating within a 0°C ~ 35°C temperature range and 20% ~ 80% non-condensing humidity, it's designed for diverse environments. The included Thinvent® keyboard and mouse set, along with a 2-meter 12V 7A adapter, makes setup a breeze.

Intelligent Operating System

Comes pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a secure, stable, and streamlined experience optimized for commercial and industrial applications.

Compact Powerhouse Dimensions

- 198mm x 187mm x 40mm

Certifications for Peace of Mind

- BIS
- RoHS
- ISO



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	32 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	1.74kg, 1.74kg

ACCESSORIES

Keyboard and Mouse	1
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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

