



Thinvent Aero Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Without OS

SKU: AERO-I5_13-16-M1024-12_5-X-W_OS-0



Unleash immense power in a remarkably small footprint.

Introduction

The Thinvent® Aero Mini PC redefines compact computing, packing a desktop-grade punch into a sleek, space-saving design perfect for demanding professionals and specialized applications.

Performance Unrivaled

Powered by an Intel® Core™ i5-1335U processor with 10 cores and a blistering 4.6 GHz max frequency (12 MB cache), experience unparalleled speed and responsiveness for intensive multitasking, data analysis, and content creation. Coupled with a generous 16GB DDR4 RAM, you'll navigate complex workflows with effortless fluidity. The lightning-fast 1TB SSD ensures near-instant boot times and rapid application loading, giving you more time for productivity and less time waiting.

Versatile Connectivity

Despite its tiny 198mm x 187mm x 40mm dimensions, the Aero Mini PC offers robust connectivity. Support dual displays with dedicated HDMI and VGA ports. Connect all your essential peripherals via two USB 3.2, two USB 2.0, and four front USB 2.0 ports, plus a convenient front USB C. Enjoy stable, high-speed wired networking with its built-in 1000 Mbps Ethernet. For audio, it includes a speaker out, mic in, and additional front speaker out and front mic in ports.

Engineered for Specific Needs

This model is engineered for environments prioritizing security and specific OS requirements. It comes without an operating system, providing the freedom to install your preferred Linux distribution, Windows version, or specialized industrial OS. The absence of built-in WiFi ensures a secure, wired network environment. Its durable, powder-coated black steel and ABS plastic housing guarantees longevity and a professional aesthetic. Powered by a reliable 12V 7A adapter with a 2-metre cable, it accepts a wide 100~275 Volts AC input (50~60 Hz, 1.5 Amps maximum).

Guaranteed Quality

Operate confidently within temperatures from 0°C to 35°C and 20% to 80% RH, non-condensing. Rest assured with quality certifications including BIS, RoHS, and ISO, confirming its adherence to stringent standards.



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2	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	1.51kg, 1.51kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE				
Aero-i5_13-[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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