



Thinvent Aero Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: AERO-I7_12L-8-S256-12_7-M-11P-0



Engineered for the relentless pace of modern business.

Unleash Professional Power in a Tiny Footprint

The Thinvent Aero Mini PC is your command centre for demanding applications, all contained within a sleek, compact design. Its robust processing muscle effortlessly handles everything from complex data analysis and digital signage to point-of-sale systems and industrial automation. It's the reliable, high-performance engine your operations need, without the bulk of a traditional tower.

Why the Aero Mini PC is Your Smart Upgrade

- Experience seamless multitasking and rapid application response, keeping your workflows fluid and productive.

- Connect to a vast array of essential peripherals and dual network systems for maximum operational flexibility.
- Its rugged, industrial-grade construction ensures dependable performance in diverse environments, from the office to the shop floor.
- Dramatically reduce clutter and save valuable space with a powerful computer that fits almost anywhere.
- Deploy with confidence using the professional, secure, and familiar Windows 11 Pro environment.

This is more than a computer; it's a strategic asset. Choose the Thinvent Aero Mini PC for robust, space-saving performance that drives your business forward.



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	256 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
Front USB 2.0	4
Front USB C	1
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.71kg, 1.71kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE	
Aero-i7_12l-[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

