



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

1TB SSD

Dual Band WiFi

Windows 11 Pro

SKU: AERO-I5_12L-16_16-M1024-12_7-M-11P-0



Engineered for the relentless pace of modern business.

The Thinvent® Aero Mini PC is your powerhouse in a compact, rugged form. Forget bulky towers and complex wiring; this robust unit delivers serious performance wherever you need it most. It's the ultimate fusion of power, reliability, and space-saving design, built to thrive in demanding commercial and industrial environments.

Where it excels

- ****Digital Signage and Kiosks:**** Drive vibrant, reliable content for customer engagement and point-of-sale systems without the clutter.
- ****Office Productivity:**** A silent, discreet workhorse for general office tasks, seamlessly integrating into any workspace.

- ****Light Industrial Computing:**** Dependable operation for process monitoring, machine interfacing, and control room applications.
- ****Network and Security:**** With robust connectivity options, it's an ideal platform for firewall, router, or network monitoring duties.

Why choose the Aero Mini PC?

It delivers robust Intel® Core™ performance in a fanless, virtually silent chassis designed for 24/7 operation. Its industrial-grade construction ensures durability, while its miniature footprint saves valuable space. Pre-installed with Windows 11 Pro, it offers enhanced security and management features right out of the box. This isn't just a computer; it's a resilient, adaptable solution engineered to keep your critical operations running smoothly.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 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
Front USB 2.0	4
Front USB C	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-i5_12L-[RAM]-[SSD]-12_10-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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