



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 Pro

SKU: AERO-I5_12L-16-M1024-12_5-X-11P-0



Power your industrial vision, without the bulk.

Engineered for reliability in demanding environments, the Thinvent® Aero Mini PC delivers robust computing in a remarkably compact footprint. This silent, fanless system is built to thrive where traditional PCs falter, from factory floors to digital signage networks.

Why choose the Aero Mini PC

- Deploy versatile, industrial-strength computing in space-constrained settings, eliminating the clutter and heat of a large tower.
- Achieve outstanding operational stability with a rugged, fanless design that shrugs off dust and vibrations for continuous uptime.

- Leverage powerful processing to drive complex applications, from machine control interfaces to sophisticated point-of-sale systems.
- Connect seamlessly to a wide array of legacy and modern peripherals with its comprehensive selection of ports, ensuring easy integration.
- Benefit from a trusted, professional-grade Windows 11 Pro platform, ready to run your critical business and industrial software securely.

Built to last and designed to perform, it's the dependable core for your professional application.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 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
Front USB 2.0	4
Front USB C	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	1.62kg, 1.62kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE	
Aero-i5_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

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