



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM

1TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I3_12L-32-M1024-12_7-M-U-0



Engineer the compact future of your business.

Powerful performance in a tiny footprint

The Thinvent Aero Mini PC delivers the robust computing muscle you need, without consuming valuable space. Its modern, efficient processor effortlessly handles multitasking and demanding applications, ensuring your operations run smoothly and responsively.

Built for versatile, reliable deployment

This isn't just a compact computer; it's a resilient workhorse designed for the real world. With dual Ethernet ports for network redundancy and flexible connectivity options, it integrates seamlessly into digital signage, point-of-sale systems, or as a dedicated workstation. The rugged steel construction ensures dependable performance day in, day out.

Simplify your setup and secure your operations

Arriving ready to work with a pre-installed, stable operating system, the Aero Mini PC gets your project started instantly. Its lean, efficient design translates to lower energy costs and a cooler, quieter environment, while the trusted Thinvent build quality provides the reliability your business depends on.

- Liberate valuable desk or rack space with its ultra-compact form.
- Ensure consistent uptime with professional-grade network connectivity.
- Deploy a secure, stable, and instantly usable computing solution.
- Reduce total cost of ownership with energy-efficient, durable engineering.

Choose the Thinvent Aero Mini PC. Where minimal size meets maximum reliability for your critical business tasks.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 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
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	1.68kg, 1.68kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

Aero-i3_12l-[RAM]-[SSD]-12_7-[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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