



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

32GB MLC SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12L-16-S32-12_7-X-U-KM



Power Through Your Day with Unshakeable Reliability.

Meet the Thinvent® Aero Mini PC: a compact powerhouse engineered to deliver robust, dependable performance for your business-critical operations. It's built to thrive where others falter, ensuring your digital signage, kiosk, or production line interface keeps running smoothly.

Why the Aero is Your Smart Choice

- Unmatched Reliability for Demanding Environments: Its solid-state design and industrial-grade construction shrug off dust and heat, providing steadfast operation in retail, light industrial, or office settings.
- Streamlined Digital Workhorses: Effortlessly drive multiple displays for information points or manage point-of-sale systems with consistent, lag-free performance.

- Rock-Solid Wired Connectivity: Dual Gigabit Ethernet ports ensure a fast, stable, and secure network connection, perfect for networked applications where wireless signals can't be trusted.
- Ready for Action Straight Out of the Box: Arrives with a trusted, secure Ubuntu Linux operating system pre-installed, complete with a keyboard and mouse, so you can set up and start working in minutes.
- Simplified and Cost-Effective: The efficient, compact design saves valuable space and reduces clutter, while its focused performance delivers exceptional value without unnecessary extras.

Built to perform, designed to last. Choose the Thinvent Aero Mini PC for a no-fuss computing solution that simply gets the job done, day after day.



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	16 GB
SSD Storage	32 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

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	2.20kg, 2.20kg

ACCESSORIES

Keyboard and Mouse	1
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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

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

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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