



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

4GB DDR4 RAM

1TB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12L-4-M1024-12_7-X-
DOS-KM

Unleash reliable power in a compact footprint.

Meet the Thinvent® Aero Mini PC, your partner for streamlined digital operations. This isn't about complex specs—it's about dependable performance that fits anywhere, from the retail counter to the factory control room. Its robust dual Ethernet design ensures a rock-solid, wired network connection, perfect for point-of-sale systems, digital signage, or industrial automation where stability is non-negotiable.

Compact & Versatile

- Deploy effortlessly in space-constrained environments without sacrificing capability.
- Connect to a wealth of peripherals with abundant front-facing USB ports for scanners, card readers, and more.



- Drive dual displays with HDMI and VGA outputs for enhanced monitoring and productivity.

Built for Business

- Engineered with industrial-grade components in a rugged steel chassis for day-in, day-out reliability.
- Operates quietly and efficiently, keeping focus on your work, not the hardware.
- Arrives ready to integrate with your preferred operating system for a tailored, secure setup.

Simplify your essential computing tasks with a mini PC designed for professional endurance. The Aero delivers the steadfast performance your business processes demand, all from a discreet and durable package.

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	4 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

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	FreeDOS
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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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