



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM (2 x 8GB)

1TB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12L-8_8-M1024-12_5-X-THINUX-KM



The compact powerhouse for your core operations.

In the demanding world of industrial computing, you need a reliable digital workhorse that simply gets the job done, day in and day out. The Thinvent Aero Mini PC is that steadfast partner. Engineered for environments where consistent performance trumps flashy features, it delivers the robust computing muscle you need without the bulk or complexity of a standard desktop.

Why the Aero Mini PC is the smart choice for your business

Built for purpose, not just power

Its compact, rugged steel design is made to integrate seamlessly into control cabinets, kiosks, or retail points of sale, saving crucial space. With dual Ethernet ports, it provides the reliable, wired network connectivity essential for machine control, digital signage, or secure terminal applications. The included Thinvent keyboard and mouse set ensures you have everything you need to get started right out of the box.

Reliability where it counts

Pre-installed with Thinux™ Embedded Linux, this system is designed for stability and long-term operation in dedicated roles. It resists the bloat and vulnerabilities of general-purpose operating systems, offering a secure and manageable platform for your critical software. From running single-application terminals to acting as a thin client or a lightweight server, it performs with dependable efficiency.

Simplify your digital infrastructure

- Deploy a streamlined, cost-effective solution for reception desks, factory floor workstations, or classroom environments.
- Leverage remote management tools for easy oversight and maintenance without constant physical access.
- Benefit from a system that runs cool and quiet with minimal power draw, reducing your operational footprint.

Choose the Thinvent Aero Mini PC. It's the no-nonsense computing foundation that supports your business reliably, letting you focus on what matters most.



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	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	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	2.10kg, 2.10kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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