



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

8GB DDR4 RAM

512GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12L-8-M512-12_5-X-W_OS-KM



Engineered for the relentless rhythm of industry.

Built to tackle your demanding workloads, the Thinvent Aero Mini PC delivers dependable desktop power in an incredibly compact and rugged form. It's the steadfast digital heart for a multitude of professional applications, designed to perform day in, day out.

Ideal use cases

- The perfect central controller for digital signage and interactive kiosks in retail or hospitality.
- A robust and space-saving workstation for administrative tasks, point-of-sale systems, or basic design work.
- A reliable hub for light industrial automation, monitoring systems, or in-vehicle computing where stability is key.

- Uncompromising reliability in a tough, steel-reinforced chassis built for 24/7 operation.
- Dual Gigabit Ethernet ports ensure a fast, stable, and secure wired network connection for critical data transfer.
- A generous array of front and rear ports provides ultimate flexibility for connecting all your essential peripherals.
- Its remarkably small footprint saves vital space on desktops, in cabinets, or when mounted behind a monitor.
- Delivers smooth, responsive performance for everyday business software, multimedia, and productivity tasks.

Simplify your setup and empower your operations. The Thinvent Aero Mini PC is the robust, no-nonsense computing solution your business can depend on.

Why choose the 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	8 GB
SSD Storage	512 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	Without OS
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Ordering Information

PRODUCT CODE	
Aero-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	<div style="display: flex; justify-content: space-between;"> <div style="width: 22%;"> <p>4 = 4GB DDR4</p> <p>32_32 = 64GB DDR4 RAM (2 x 32GB)</p> </div> <div style="width: 22%;"> <p>8 = 8GB DDR4</p> <p>16_16 = 32GB DDR4 RAM (2 x 16GB)</p> </div> <div style="width: 22%;"> <p>16 = 16GB DDR4</p> <p>8_8 = 16GB DDR4 RAM (2 x 8GB)</p> </div> <div style="width: 22%;"> <p>32 = 32GB DDR4</p> </div> </div>
SSD	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>m128 = 128GB</p> <p>m512 = 512GB</p> <p>S32 = 32GB MLC</p> <p>S256 = 256GB</p> </div> <div style="width: 48%;"> <p>m256 = 256GB</p> <p>m1024 = 1TB</p> <p>S128 = 128GB</p> </div> </div>
Wireless	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>m = Dual Band WiFi</p> </div> <div style="width: 48%;"> <p>X = No WiFi</p> </div> </div>
OS	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>DOS = DOS</p> <p>11V = Windows 11 IoT Value</p> <p>Thinix = Thinix™ Embedded Linux</p> </div> <div style="width: 48%;"> <p>W_OS = Without OS</p> <p>11P = Windows 11 Pro</p> <p>U = Ubuntu Linux</p> </div> </div>
Accessories	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>0 = None</p> <p>MK = Mechanical Keyboard</p> </div> <div style="width: 48%;"> <p>KM = Keyboard and Mouse set</p> <p>Mo = Wired Optical Scroll Mouse</p> </div> </div>

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