



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

No WiFi

Windows 11 Pro

SKU: AERO-I3_12-32_32-M1024-12_7-X-11P-0



Experience Big Performance in a Small Package: The Thinvent® Aero Mini PC.

Unleash exceptional productivity with the Thinvent® Aero Mini PC, engineered for efficiency and reliability in any professional setting. Its remarkably compact design conceals a powerhouse of capabilities, making it the ideal choice for clutter-free workspaces without compromising on power.

Unrivalled Performance

- Driven by the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz for seamless multitasking.
- A generous 10 MB cache ensures rapid data access, keeping your applications responsive.

Blazing Fast Storage & OS

- Boots up in seconds and loads applications instantly thanks to the massive 1TB SSD.
- Navigate your tasks with confidence on Microsoft Windows 11 Pro, offering advanced security and a familiar, intuitive interface.

Seamless Connectivity

- Stay reliably connected with a 1000 Mbps Ethernet port, perfect for stable, secure wired networks.
- Project your visuals with ease using both HDMI and VGA outputs.
- Connect all your peripherals with 2 USB 3.2 ports, 6 USB 2.0 ports (4 front), and a versatile front USB C port.
- Dedicated audio inputs and outputs (including front panel options) ensure crystal-clear sound for conferencing or media.

Durable & Compact Design

- Crafted from robust steel and ABS plastic with a powder-coated black finish, built to last.
- Its ultra-slim dimensions of 198mm x 187mm x 40mm make it virtually disappear on your desk.
- Certified with BIS, RoHS, and ISO standards for quality and environmental compliance.

The Thinvent® Aero Mini PC is your reliable, high-performance companion, designed to streamline your operations and elevate your workspace.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 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
USB 2.0	2
Front USB 2.0	4
Front USB C	1
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE	
Aero-i3_12-[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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