



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## No WiFi

## Thinix Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: AERO-I3\_12-16-S256-12\_5-X-THINUX-KM



## Unleash Productivity with the Powerhouse Thinvent® Aero Mini PC

Experience seamless performance and efficient operations with the Thinvent® Aero Mini PC. Engineered for modern workspaces, this compact powerhouse leverages the Intel® Core™ i3-1215U processor with 6 cores and up to 4.4 GHz to tackle demanding tasks with ease. Its robust 4GB DDR4 RAM and lightning-fast 32GB MLC SSD ensure swift boot times and rapid application loading, making every interaction smooth and responsive.

### Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Core, up to 4.4 GHz, 10 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 32 GB MLC SSD
- Connectivity: 1x HDMI, 1x VGA, 2x USB 3.2, 2x USB 2.0, 1x Front USB C, 4x Front USB 2.0, 1x 1000 Mbps Ethernet, 1x Speaker Out, 1x Mic In, 1x Front Speaker Out, 1x Front Mic In.
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Thinvent® Thinix™ Embedded Linux

Designed for efficiency and versatility, the Thinvent® Aero Mini PC comes pre-loaded with Thinix™ Embedded Linux, offering a secure and optimized environment. Enjoy web browsing with Chromium and Mozilla Firefox, and seamlessly connect to remote desktops with RDP 10, Putty, and SSH. Its browser-based remote management and VNC shadowing simplify IT administration.

This compact PC supports essential applications like LibreOffice and PDF viewers, and even includes a multimedia player with MPEG4 support. The included Thinvent® Keyboard and Mouse set provides a complete plug-and-play solution, ready to enhance your digital workflow. Its durable steel and ABS plastic housing, finished in a sleek powder-coated black, is built to last.

### Certifications

- BIS, RoHS, ISO

### Dimensions

- 198mm x 187mm x 40mm

Ideal for various environments from offices to educational institutions, the Thinvent® Aero Mini PC offers a reliable and high-performing computing solution without the bulk.



## Specifications

### PROCESSING

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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	256 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
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### POWER

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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

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Operating Temperature	0°C ~ 35°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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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

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Keyboard and Mouse	1
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### OPERATING SYSTEM

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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	
<b>Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 22%;"> <p><b>4</b> = 4GB DDR4</p> <p><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)</p> </div> <div style="width: 22%;"> <p><b>8</b> = 8GB DDR4</p> <p><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)</p> </div> <div style="width: 22%;"> <p><b>16</b> = 16GB DDR4</p> <p><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)</p> </div> <div style="width: 22%;"> <p><b>32</b> = 32GB DDR4</p> </div> </div>
<b>SSD</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>m128</b> = 128GB</p> <p><b>m512</b> = 512GB</p> <p><b>S32</b> = 32GB MLC</p> <p><b>S256</b> = 256GB</p> </div> <div style="width: 48%;"> <p><b>m256</b> = 256GB</p> <p><b>m1024</b> = 1TB</p> <p><b>S128</b> = 128GB</p> </div> </div>
<b>Wireless</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>m</b> = Dual Band WiFi</p> </div> <div style="width: 48%;"> <p><b>X</b> = No WiFi</p> </div> </div>
<b>OS</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>DOS</b> = DOS</p> <p><b>11V</b> = Windows 11 IoT Value</p> <p><b>Thinix</b> = Thinix™ Embedded Linux</p> </div> <div style="width: 48%;"> <p><b>W_OS</b> = Without OS</p> <p><b>11P</b> = Windows 11 Pro</p> <p><b>U</b> = Ubuntu Linux</p> </div> </div>
<b>Accessories</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>0</b> = None</p> <p><b>MK</b> = Mechanical Keyboard</p> </div> <div style="width: 48%;"> <p><b>KM</b> = Keyboard and Mouse set</p> <p><b>Mo</b> = Wired Optical Scroll Mouse</p> </div> </div>

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