



# Thinvent Aero Mini PC

- Intel Core i3-1215U processor**  
6 core, up to 4.4 GHz, 10 MB cache
- 8GB DDR4 RAM**
- 128GB SSD**
- Dual Band WiFi**
- Thinix Embedded Linux**
- Thinvent Keyboard and Mouse set**

SKU: AERO-I3\_12-8-M128-12\_5-M-THINUX-KM



Unleash Productivity, Compactly: The Thinvent® Aero Mini PC.

Experience seamless multitasking and efficient operations with the Thinvent® Aero Mini PC, powered by the robust Intel® Core™ i3-1215U processor. This compact powerhouse delivers exceptional performance for a wide range of applications.

### Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 16 GB DDR4 RAM
- Storage: 128 GB SSD
- Operating System: Thinvent® Thinix™ Embedded Linux

### Versatile Connectivity

- HDMI and VGA ports for dual display capabilities.
- Multiple USB ports (2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C) for all your peripherals.
- 1000 Mbps Ethernet for stable wired connections.
- Dual Band WiFi for flexible wireless networking.

### Streamlined for Business

The included Thinvent® Keyboard and Mouse set ensures an immediate and productive setup. Thinix™ Embedded Linux offers a secure and optimized environment with pre-installed Chromium and Mozilla Firefox browsers. Remote access is simplified with RDP 10, Putty, and SSH. Manage your devices effortlessly through browser-based remote management and VNC shadowing.

### Designed for Efficiency

- Compact dimensions (198mm x 187mm x 40mm) and a durable steel and ABS plastic housing.
- Broad power input compatibility (100~275 Volts AC).
- Operates efficiently within a 0°C ~ 35°C temperature range.
- Certified with BIS, RoHS, and ISO for quality assurance.

### Included Accessories

- 12V 7A Adapter (2-meter cable)
- Thinvent® Keyboard and Mouse Set

This Thinvent® Aero Mini PC is your smart, compact solution for enhanced productivity and reliable performance.





## 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	8 GB
SSD Storage	128 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### 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

**Aero-i3\_12-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<b>RAM</b>	<b>4</b> = 4GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4	<b>32</b> = 32GB DDR4
	<b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)	<b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)	<b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)	
<b>SSD</b>	<b>m128</b> = 128GB		<b>m256</b> = 256GB	
	<b>m512</b> = 512GB		<b>m1024</b> = 1TB	
	<b>S32</b> = 32GB MLC		<b>S128</b> = 128GB	
	<b>S256</b> = 256GB			
<b>Wireless</b>	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
<b>OS</b>	<b>DOS</b> = DOS		<b>W_OS</b> = Without OS	
	<b>11V</b> = Windows 11 IoT Value		<b>11P</b> = Windows 11 Pro	
	<b>Thinix</b> = Thinix™ Embedded Linux		<b>U</b> = Ubuntu Linux	
<b>Accessories</b>	<b>0</b> = None		<b>KM</b> = Keyboard and Mouse set	
	<b>MK</b> = Mechanical Keyboard		<b>Mo</b> = Wired Optical Scroll Mouse	

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