



# Thinvent Aero Mini PC

- Intel Core i3-1215U processor**  
6 core, up to 4.4 GHz, 10 MB cache
- 32GB DDR4 RAM**
- 1TB SSD**
- Dual Band WiFi**
- Windows 11 IoT Value**
- Thinvent Keyboard and Mouse set**

SKU: AERO-I3\_12-32-M1024-12\_5-M-11V-KM



Unleash Productivity, Redefine Space: The Thinvent® Aero Mini PC.

Experience unparalleled performance and compact design with the Thinvent® Aero Mini PC. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores with a turbo boost up to 4.4 GHz and 10 MB cache, this Mini PC effortlessly handles demanding tasks. Multitask with ease thanks to a massive 64GB of DDR4 RAM, and enjoy lightning-fast boot times and application loading with a spacious 1TB SSD.

### Seamless Connectivity

- Versatile display options with 1 HDMI and 1 VGA port.
- Comprehensive audio support with Speaker Out and Mic In, including dedicated front ports.
- A generous array of USB ports: 2 USB 3.2, 2 USB 2.0, 4 front USB 2.0, and 1 front USB C for all your peripherals.
- High-speed 1000 Mbps Ethernet for reliable wired connections.
- Stay connected with dual-band Wi-Fi 5 (802.11ac).

### Built for Reliability and Efficiency

- Robust 12V 7A adapter ensures stable power.
- Operates efficiently within a 0°C ~ 35°C temperature range and 20% ~ 80% non-condensing humidity.
- Certified for safety and environmental compliance with BIS, RoHS, and ISO.
- Compact dimensions of 198mm x 187mm x 40mm fit discreetly into any workspace.
- Durable steel and ABS plastic housing with a sleek black powder-coated finish.

### Complete Workspace Solution

- Includes a Thinvent® keyboard and mouse set for immediate productivity.
- Runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for business environments.

Elevate your computing experience with the Thinvent® Aero Mini PC – powerful, compact, and complete.



## 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	32 GB
SSD Storage	1024 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE				
Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	<b>4</b> = 4GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4	<b>32</b> = 32GB DDR4
	<b>64</b> = 64GB DDR4			
SSD	<b>m128</b> = 128GB		<b>m256</b> = 256GB	
	<b>m32</b> = 32GB		<b>m512</b> = 512GB	
	<b>m1024</b> = 1TB		<b>S32</b> = 32GB MLC	
	<b>S128</b> = 128GB		<b>S256</b> = 256GB	
Wireless	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
OS	<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	
Accessories	<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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