



# Thinvent Aero Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## No WiFi

## Windows 11 IoT Value

SKU: AERO-I3\_13-16-M1024-12\_5-X-11V-0



Power, Precision, and Unwavering Reliability in a Mini Footprint.

Unleash exceptional performance with the Thinvent® Aero Mini PC, engineered for efficiency and robust operation. Featuring an Intel® Core™ i3-1315U processor with 6 cores and a boost frequency of up to 4.5 GHz, alongside a generous 10 MB cache, this mini PC delivers seamless multitasking and responsive computing for demanding business applications. With 8GB of DDR4 RAM and a lightning-fast 256GB SSD, experience rapid boot-ups and quick access to your critical data.

### Connectivity Features

- Comprehensive I/O for all your peripherals
- Dual display support with 1x HDMI and 1x VGA ports
- Total of 8 USB ports including 2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, and a convenient Front USB C
- Dedicated audio ports: Speaker Out, Mic In, Front Speaker Out, Front Mic In
- Stable, high-speed networking with 1000 Mbps Ethernet

### Engineered for Security and Specialised Applications

For environments prioritizing secure, wired connections, the Aero Mini PC offers enhanced network integrity with its dedicated Ethernet and no integrated WiFi. It comes pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, providing a highly reliable, long-term support operating system tailored for embedded solutions and specialized tasks.

### Compact and Durable Design

Encased in a sleek, black powder-coated steel and ABS plastic housing, measuring just 198mm x 187mm x 40mm, this mini PC fits effortlessly into any workspace. Its robust construction ensures durability, while certifications like BIS, RoHS, and ISO guarantee quality and compliance. It's powered by a robust 12V 7A adapter with a generous 2-metre cable, capable of handling wide AC input from 100~275V and designed for reliable operation.

Experience the perfect blend of power, security, and compact design with the Thinvent Aero Mini PC – your ultimate solution for focused performance.



## Specifications

### PROCESSING

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Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 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

### 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	1.52kg, 1.52kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE				
<b>Aero-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>				
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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