



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

64GB DDR4 RAM (2 x 32GB)

256GB SSD

No WiFi

Without OS

SKU: AERO-I3\_12L-32\_32-M256-12\_7-X-W\_OS-0



## Powerful Performance, Compact Footprint: The Aero Mini PC.

Where compact size meets serious capability: The Thinvent Aero Mini PC is your robust, dependable engine for demanding industrial environments. Designed for reliability over flash, it delivers the consistent power you need in a remarkably small and versatile package.

### Engineered for Your Industrial Demands

- Tackle complex control tasks and run multiple applications smoothly with efficient, multi-core processing power.
- Achieve ultra-reliable network connectivity and redundancy for critical operations with dual Gigabit Ethernet ports.

- Deploy with ultimate flexibility, choosing the perfect software environment for your specific application without being tied to a pre-installed OS.
- Built tough with a steel-reinforced housing to withstand the rigours of factory floors, digital signage, and automation settings.

Ideal for seamless integration into kiosks, thin-client setups, manufacturing control systems, and secure network applications. The Aero Mini PC isn't just a computer; it's a steadfast, powerful component engineered to drive your operations forward, day in and day out.



## 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	64 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
Front USB 2.0	4
Front USB C	1
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2

### POWER

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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

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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	1.68kg, 1.68kg

### OPERATING SYSTEM

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Operating System	Without OS
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## Ordering Information

### PRODUCT CODE

**Aero-i3\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

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

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