



# Thinvent Aero Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM

32GB MLC SSD

Dual Band WiFi

Without OS

SKU: AERO-I3\_12-64-S32-12\_5-M-W\_OS-0



Unleash Mighty Performance in a Mini Footprint.

Experience unparalleled power and compact efficiency with the Thinvent® Aero Mini PC. Engineered for demanding tasks, this sleek powerhouse brings desktop-level performance to any workspace, large or small.

### Core Performance

- Driven by the Intel® Core™ i3-1215U processor with 6 cores and a max frequency of 4.4 GHz, effortlessly tackle multitasking and intensive applications.
- Command immense power with 64GB DDR4 RAM, ensuring seamless operation for complex projects and virtual environments.
- Benefit from lightning-fast boot times and rapid application loading with the 128GB SSD.

### Connectivity & Versatility

- Expand your workspace with dual display support via HDMI and VGA.
- Connect all your peripherals with an extensive array of ports, including 2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, and 1x Front USB C.

- Enjoy reliable wired connectivity with 1000 Mbps Ethernet or flexible wireless networking with dual-band Wi-Fi 5 (802.11ac).
- Versatile audio options with front and rear speaker out and mic in.

### Designed for Durability & Flexibility

- Its robust steel and ABS plastic, powder-coated black housing measures a mere 198mm × 187mm × 40mm, fitting discreetly anywhere.
- Operate confidently with BIS, RoHS, and ISO certifications, ensuring quality and compliance.
- The included 12V 7A adapter with a 2-meter cable provides flexible power and wide input voltage compatibility (100~275V AC).
- Offered without an operating system, giving you the freedom to install your preferred OS.

Transform your productivity with the Thinvent® Aero Mini PC – compact, powerful, and ready for your toughest challenges.



## 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	32 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	1.59kg, 1.59kg

### OPERATING SYSTEM

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Operating System	Without OS
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## Ordering Information

PRODUCT CODE	
<b>Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<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
<b>SSD</b>	<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
<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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