

## Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

## 16GB DDR4 RAM

## 32GB SSD

## Dual Band WiFi

## Thinix Embedded Linux

SKU: AERO-100-16-M32-12\_5-M-THINUX-0



Unleash compact power: The ultimate mini PC for next-gen productivity.

Experience unparalleled efficiency and security with the Thinvent® Aero Mini PC. Engineered for demanding tasks in a space-saving design, this powerhouse redefines what a mini PC can do.

### Unrivalled Performance

Driven by an Intel® N100 processor (4 cores, up to 3.4 GHz, 6 MB cache), the Aero Mini PC delivers responsive computing for seamless multitasking. Bolstered by an exceptional 16GB DDR4 RAM and a lightning-fast 32GB SSD, it ensures quick boot-ups, rapid application loading, and a remarkably fluid user experience.

### Thinix™: Secure, Smart, Connected

**At its core is Thinvent® Thinix™ Embedded Linux, offering a secure, stable, and highly efficient operating environment. Thinix™ comes pre-loaded with essential productivity tools and advanced remote management capabilities**

- Chromium and Mozilla Firefox browsers for instant web access.
- RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing for robust remote display and control.

- Browser-based remote management for effortless administration.
- Support for Java, Python, and glibc based applications.
- LibreOffice, a PDF viewer, and a multimedia player with MPEG4 support.
- Integrated SIP video and voice over IP for comprehensive communication.

### Connectivity and Design Excellence

Despite its ultra-compact 198mm × 187mm × 40mm steel and ABS plastic housing, the Aero Mini PC offers extensive connectivity. Dual-band Wi-Fi 5 (802.11ac) ensures fast wireless networking, complemented by a 1000 Mbps Ethernet port. Connect all your peripherals with 2x USB 3.2 Gen 2, 1x USB 3.2 Gen 1, 2x USB-C ports (one front, one rear), and 4x front USB 2.0 ports. Dual display support with HDMI and VGA, plus dedicated audio ports (Speaker Out, Mic In, Front Speaker Out, Front Mic In), makes it a versatile hub. Power-efficient with a 12V 2A adapter, this BIS, RoHS, and ISO certified mini PC is built for reliability.



## Specifications

### PROCESSING

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Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N100
Cores	4
Max Frequency	3.4 GHz
Cache	6 MB
Main Memory	16 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 Gen 2	2
USB 3.2 Gen 1	1
USB C	1
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

### 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
Thermal Design	Fanless Passive Cooling
Dimensions	198mm × 187mm × 40mm
Housing Material	Steel and ABS Plastic
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.51kg, 1.51kg

### 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.

Cable Length

2 Metre

## Ordering Information

PRODUCT CODE	
<b>Aero-100 - [RAM] - [SSD] - 12_5 - [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>11I</b> = Windows 11 IoT <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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