



Thinvent Aero Mini PC

Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

32GB DDR4 RAM

32GB SSD

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-100-32-M32-12_5-M-THINUX-KM



Unleash Productivity in Miniature: The Thinvent® Aero Mini PC.

Experience powerful, compact computing with the Thinvent® Aero Mini PC. Designed for efficiency and versatility, this sleek device is powered by an Intel® processor N100, featuring 4 cores, a boost up to 3.4 GHz, and a 6 MB cache, delivering smooth performance for a wide range of tasks. With 8GB of DDR4 RAM and a speedy 128GB SSD, enjoy rapid boot times and quick application loading.

Key Specifications

- Intel® Processor N100: 4 Cores, up to 3.4 GHz, 6 MB Cache
- Memory: 8GB DDR4 RAM
- Storage: 128GB SSD
- Connectivity: HDMI, VGA, Speaker Out, Mic In, Front Speaker Out, Front Mic In, 2x USB 3.2 Gen 2, 1x USB 3.2 Gen 1, 1x USB C, 4x Front USB 2.0, 1x Front USB C, 1000 Mbps Ethernet
- Wireless: Dual Band Wi-Fi 5 (802.11ac)

Operating System and Software

- Thinvent® Thinix™ Embedded Linux: A robust and secure operating system optimized for performance.
- Bundled Applications: Includes Chromium and Mozilla Firefox browsers, RDP 10 for remote access, Putty and SSH, LibreOffice, PDF viewer, and a multimedia player.
- Enhanced Features: Supports Java, Python, glibc location applications, and SIP video/voice over IP.

Included Peripherals

- Thinvent® Keyboard and Mouse set: Get started immediately with this ergonomic duo.

Compact and Durable Design

- Dimensions: 198mm × 187mm × 40mm
- Housing: Black powder-coated steel and ABS plastic for durability and a professional look.
- Power: Efficient 12V 5A adapter.

Built for reliability and ease of use, the Thinvent® Aero Mini PC is your ideal solution for efficient, space-saving computing.



Specifications

PROCESSING

Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N100
Cores	4
Max Frequency	3.4 GHz
Cache	6 MB
Main Memory	32 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

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

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum

ENVIRONMENTAL

Operating Temperature	0°C ~ 35°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

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	2.03kg, 2.03kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

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	
Aero-100-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11I = Windows 11 IoT 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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