



Thinvent Aero Mini PC

Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

16GB DDR4 RAM

32GB SSD

No WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-100-16-M32-12_5-X-THINUX-KM



Experience Unrivaled Efficiency with the Thinvent® Aero Mini PC

Unlock seamless productivity and robust performance in a compact, power-efficient design. The Thinvent® Aero Mini PC is engineered for environments where space is at a premium, and reliable operation is paramount. Powered by an Intel® processor N100, featuring 4 cores that burst up to 3.4 GHz with a 6 MB cache, this mini PC handles your essential tasks with ease.

Key Performance and Connectivity

- 4 Cores for efficient multitasking
- Up to 3.4 GHz max frequency for responsive performance
- 6 MB cache for quicker data access
- 4GB DDR4 RAM for smooth operation
- 128GB SSD for rapid boot times and application loading
- A comprehensive array of ports: 1 HDMI, 1 VGA, 2 USB 3.2 Gen 2, 1 USB 3.2 Gen 1, 1 USB C, 4 Front USB 2.0, 1 Front USB C, 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In
- 1000 Mbps Ethernet for reliable wired connectivity

Innovative Operating System and Bundled Peripherals

- Thinvent® Thinix™ Embedded Linux: A secure, lightweight, and optimized OS designed for dedicated tasks.

- Chromium and Mozilla Firefox browsers for web browsing.
- RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for robust remote access.
- Browser-based remote management and VNC shadowing for IT ease.
- Support for Java, Python, and glibc based location applications.
- LibreOffice and PDF viewer for essential document handling.
- Multimedia player with MPEG4 support.
- SIP video and voice over IP capabilities.
- Includes a Thinvent® Keyboard and Mouse set for an instant out-of-the-box experience.

Built for Durability and Versatility

- Compact dimensions: 198mm × 187mm × 40mm
- Robust steel and ABS plastic housing with a sleek powder-coated black finish.
- Wide operating temperature range (0°C ~ 35°C) and humidity tolerance (20% ~ 80% RH, non condensing).
- Certified with BIS, RoHS, and ISO for assured quality and compliance.
- Energy-efficient 12V 5A Adapter included.

Ideal for Thin Clients, Digital Signage, and More.



Specifications

PROCESSING

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

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
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POWER

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

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.

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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