



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

256GB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3_12-8_8-M256-12_7-M-THINUX-KM



Unleash Productivity, Compactly: The Thinvent® Aero Mini PC.

Experience seamless multitasking and efficient operations with the Thinvent® Aero Mini PC, powered by the robust Intel® Core™ i3-1215U processor. This compact powerhouse delivers exceptional performance for a wide range of applications.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 16 GB DDR4 RAM
- Storage: 128 GB SSD
- Operating System: Thinvent® Thinux™ Embedded Linux

Versatile Connectivity

- HDMI and VGA ports for dual display capabilities.
- Multiple USB ports (2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C) for all your peripherals.
- 1000 Mbps Ethernet for stable wired connections.
- Dual Band WiFi for flexible wireless networking.

Streamlined for Business

The included Thinvent® Keyboard and Mouse set ensures an immediate and productive setup. Thinux™ Embedded Linux offers a secure and optimized environment with pre-installed Chromium and Mozilla Firefox browsers. Remote access is simplified with RDP 10, Putty, and SSH. Manage your devices effortlessly through browser-based remote management and VNC shadowing.

Designed for Efficiency

- Compact dimensions (198mm × 187mm × 40mm) and a durable steel and ABS plastic housing.
- Broad power input compatibility (100~275 Volts AC).
- Operates efficiently within a 0°C ~ 35°C temperature range.
- Certified with BIS, RoHS, and ISO for quality assurance.

Included Accessories

- 12V 7A Adapter (2-meter cable)
- Thinvent® Keyboard and Mouse Set

This Thinvent® Aero Mini PC is your smart, compact solution for enhanced productivity and reliable performance.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	256 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	2
USB 2.0	2
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	7 Amps
Power Input	100~275 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
Dimensions	198mm × 187mm × 40mm
Housing Material	Steel and ABS Plastic
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	2.20kg, 2.20kg

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-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

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

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