



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I3-13-16-M2048-12_7-M-THINUX-KM



Unleash Productivity in a Compact Powerhouse

The Thinvent® Aero Mini PC is engineered for efficiency, blending powerful performance with an incredibly small footprint. Powered by the latest Intel® Core™ i3-1315U processor, this mini PC boasts 6 cores and can reach speeds of up to 4.5 GHz, all within a 10 MB cache. Experience lightning-fast multitasking and seamless operation with a massive 64GB of DDR4 RAM, complemented by a swift 256GB SSD for rapid boot times and application loading.

Key Performance Features

- 6 Cores for robust multitasking
- Up to 4.5 GHz max frequency for speed
- 10 MB cache for efficient data access
- 64 GB DDR4 RAM for seamless operation
- 256 GB SSD for quick storage access
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Connectivity and Versatility

This compact device offers a comprehensive suite of ports, including HDMI and VGA for dual display support, multiple USB ports (including front USB 2.0 and USB C), and a 1000 Mbps Ethernet port for reliable wired networking. Stay connected wirelessly with dual-band Wi-Fi 5 (802.11ac).

Intuitive and Secure Operating System

Experience the streamlined efficiency of Thinvent® Thinux™ Embedded Linux. This optimized OS is pre-loaded with Chromium and Mozilla Firefox for browsing, robust remote access tools like RDP 10 and SSH, and support for Java and Python applications. Enjoy a full productivity suite with LibreOffice and a PDF viewer, plus a multimedia player.

Designed for Modern Workspaces

The Thinvent® Aero Mini PC features a durable, powder-coated steel and ABS plastic housing in a sleek black finish. Its compact dimensions (198mm × 187mm × 40mm) make it ideal for any desk setup. This all-in-one solution includes a Thinvent® Keyboard and Mouse set, ready to power on and get to work. With certifications like BIS, RoHS, and ISO, you can trust in its quality and compliance.

Included Peripherals and Specifications

- 1x Keyboard and Mouse set
- 12V 7A Adapter with a 2-meter cable
- Operating Temperature: 0°C ~ 35°C
- Operating Humidity: 20% ~ 80% RH, non condensing



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	2048 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

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	2.13kg, 2.13kg

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_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB		S32 = 32GB MLC	
	S128 = 128GB		S256 = 256GB	
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	110 = Windows 11 Professional		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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