



Thinvent Aero Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: AERO-I5_13-16_16-M2048-12_7-M-THINUX-0



Experience Unrivalled Performance in an Ultra-Compact Design.

The Thinvent® Aero Mini PC redefines efficiency, packing desktop-grade power into a sleek, minimalist form factor. At its heart lies an Intel® Core™ i5-1335U processor, featuring 10 cores and clocking up to 4.6 GHz with a 12 MB cache. This processing muscle, combined with a staggering 64GB DDR4 RAM, ensures unparalleled multitasking capability and responsiveness for even the most demanding applications. Coupled with a swift 128GB SSD, you'll enjoy lightning-fast boot times and application loading.

Operating System

- Powered by Thinvent® Thinux™ Embedded Linux, this Mini PC offers a robust, secure, and highly optimized environment. Thinux™ is engineered for specialized deployments, providing advanced remote display capabilities like RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for seamless remote access and management.

- Browser-based remote management and VNC shadowing simplify administration, while pre-installed Chromium and Mozilla Firefox provide versatile web access. Productivity is covered with LibreOffice and a PDF viewer, alongside multimedia playback and SIP video/voice over IP.
- Developers will appreciate support for Java, Python, and glibc-based location applications, making it ideal for custom solutions.

Connectivity & Build

- Comprehensive I/O includes HDMI, VGA for dual displays, multiple USB 3.2 and 2.0 ports, Front USB-C, Gigabit Ethernet, and dual-band Wi-Fi 5, ensuring all your peripherals and high-speed networking needs are covered.
- Housed in a durable, powder-coated steel and ABS plastic chassis, the Aero Mini PC measures just 198mm × 187mm × 40mm, making it perfect for space-constrained environments. Compliant with BIS, RoHS, and ISO standards, it's built for reliability and global deployment.

Upgrade your workspace with a compact powerhouse designed for security, flexibility, and peak performance.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	32 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	1.61kg, 1.61kg

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-i5_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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