Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

8GB DDR4 RAM

1TB HDD

Dual Band WiFi

Thinux Embedded Linux

SKU: AERO-I3_13-8-H1024-12_7-M-THINUX-0



Experience Unrivaled Power in a Compact Form Factor.

The Thinvent® Aero Mini PC redefines efficiency, delivering robust performance in an incredibly small footprint. Designed for demanding environments and modern workflows, this powerhouse combines cutting-edge hardware with a secure, feature-rich operating system.

Performance That Packs a Punch

- Powered by the Intel® Core™ i3-1315U processor with 6 cores and up to 4.5 GHz, ensuring seamless multitasking and rapid application execution.
- Equip your tasks with a colossal 64GB DDR4 RAM for fluid operation and a lightning-fast 512GB SSD for instant boot-ups and ample storage.

Unmatched Connectivity & Versatility

- Dual display support with HDMI and VGA ports for expanded visual workspaces.
- Eight USB ports, including high-speed USB 3.2 and a convenient front USB-C, for comprehensive peripheral connectivity.
- Stay connected with blazing 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for reliable networking.
- Comprehensive audio options with dedicated speaker and microphone inputs, both front and rear.

Thinvent® Thinux™ Embedded Linux: Your Secure Foundation

- Optimized for security and efficiency, offering pre-loaded essentials right out of the box.
- Browse securely with integrated Chromium and Mozilla Firefox browsers.
- Seamless remote access and management via RDP 10 (with RemoteFX, H.264/AVC), SSH, Putty, browser-based tools, and VNC shadowing.
- Productivity suite includes LibreOffice and a PDF viewer for daily tasks.
- Enjoy multimedia with MPEG4 support and communicate effectively with SIP video and voice over IP capabilities.
- Supports Java, Python, and glibc-based applications for specialized development.

Robust Design for Reliability

- Built with durable steel and ABS plastic, featuring a sleek, powder-coated black finish.
- Certified by BIS, RoHS, and ISO, guaranteeing quality, safety, and environmental compliance.
- Operates reliably in temperatures from 0°C to 35°C, designed for continuous performance in varied settings.
- Compact dimensions of 198mm × 187mm × 40mm ensure it fits discreetly into any workspace.









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	8 GB
HDD Storage	1024 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.

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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	
	h1024 = 1TB HDD			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**Thinux** = Thinux™ 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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