



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I3_13-8_8-M256-12_7-M-11V-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC: the ultimate solution for space-saving performance and exceptional value. Experience seamless multitasking and lightning-fast responsiveness powered by the Intel® Core™ i3-1315U processor. With 6 cores reaching up to 4.5 GHz and a generous 10 MB cache, this mini PC handles demanding applications with ease.

Unmatched Performance and Storage

- Immerse yourself in a world of speed with a massive 64GB of DDR4 RAM.
- Store all your critical data and projects on a spacious 1TB SSD, ensuring rapid boot times and quick file access.

Versatile Connectivity for Every Need

- Connect to your displays effortlessly with 1 HDMI and 1 VGA port.
- Enjoy crystal-clear audio with dedicated Speaker Out and Mic In ports, including front options for convenience.
- Expand your peripheral options with 2 USB 3.2, 2 USB 2.0, 4 front USB 2.0, and 1 front USB C port.

- Experience blazing-fast wired networking with a 1000 Mbps Ethernet port.
- Stay connected wirelessly with reliable dual-band Wi-Fi 5 (802.11ac).

Designed for Durability and Efficiency

- The robust steel and ABS plastic housing, finished in sleek black, ensures longevity.
- Its compact dimensions (198mm × 187mm × 40mm) fit perfectly in any workspace.
- The included 12V 7A adapter provides stable power.

Included Software and Peripherals

- Get started instantly with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value.
- Enhance your workflow with the included Thinvent® Keyboard and Mouse set.

Trusted and Certified

- This device meets stringent quality and environmental standards with BIS, RoHS, and ISO certifications.



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	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

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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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	
	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	
	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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