



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)

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: AERO-I5_13-16_16-M1024-12_7-X-11V-0



Unleash Unrivalled Performance in a Compact Powerhouse.

Experience the Thinvent® Aero Mini PC, engineered for demanding industrial and enterprise applications. Powered by the Intel® Core™ i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz with a 12 MB cache, this mini PC delivers exceptional multi-tasking and processing power. Paired with a colossal 64GB DDR4 RAM, it effortlessly handles complex tasks and intensive workloads, while the 128GB SSD ensures lightning-fast boot-ups and application loading.

Built for Reliability and Connectivity

- Enjoy secure, stable operations with wired Gigabit Ethernet, ideal for environments where wireless connectivity is undesirable or restricted, ensuring uninterrupted data flow.
- Leverage the specialized Microsoft Windows 11 IoT Enterprise LTSC 2024 Value operating system, providing long-term support and tailored features for embedded and industrial use cases.

- Connect with confidence using a comprehensive array of ports including 1x HDMI, 1x VGA, 2x USB 3.2, 6x USB 2.0 (4 front), 1x front USB-C, and dedicated audio ports for speaker out and mic in, ensuring compatibility with all your peripherals.
- Benefit from a robust power supply, featuring a 12V 7A adapter for consistent performance across diverse AC inputs (100~275V).

Designed for Tough Environments

- Its compact 198mm × 187mm × 40mm dimensions make it perfect for space-constrained installations, such as kiosks or control cabinets.
- The durable steel and ABS plastic housing with a powder-coated black finish ensures longevity and a professional appearance.
- Operate reliably within 0°C to 35°C, backed by BIS, RoHS, and ISO certifications for quality and environmental compliance.



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	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
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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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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

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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