



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I3_13-32_32-M128-12_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.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	128 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

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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