



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

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I3_13-8_8-M256-12_5-X-11V-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, your gateway to efficient computing in a space-saving design. Powered by the Intel® Core™ i3-1315U processor, this mini PC boasts 6 cores and a turbo boost up to 4.5 GHz with a 10 MB cache, delivering snappy performance for demanding tasks. Multitask with ease thanks to 16GB of DDR4 RAM, and enjoy rapid boot times and quick application loading with the 128GB SSD.

Key Features and Benefits

- **Powerful Performance:** The 6-core Intel® Core™ i3-1315U processor with a 4.5 GHz max frequency ensures smooth operation.
- **Ample Memory and Storage:** 16GB DDR4 RAM and a 128GB SSD provide a responsive user experience.
- **Versatile Connectivity:** Includes 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0 ports, and a front USB C port for all your peripherals.

- **Robust Networking:** Experience fast and reliable wired connections with 1000 Mbps Ethernet.
- **Included Peripherals:** Comes bundled with a Thinvent® Keyboard and Mouse set for immediate use.
- **Reliable Operation:** Designed for a 12V 7A adapter and built to withstand operating temperatures from 0°C to 35°C.
- **Durable Construction:** Features a steel and ABS plastic housing with a powder-coated black finish.
- **Pre-installed OS:** Ships with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for stable, long-term deployments.

The Thinvent® Aero Mini PC is the ideal solution for businesses and individuals seeking a compact, powerful, and reliable computing experience. Its energy-efficient design and comprehensive feature set make it a smart investment for any modern workspace.



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
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POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	2.04kg, 2.04kg

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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