



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-16_16-M512-12_5-X-11V-KM



Unleash Productivity with the Thinvent® Aero Mini PC: Powerhouse Performance in a Compact Design.

Experience unparalleled performance and exceptional value with the Thinvent® Aero Mini PC. Engineered for demanding professional environments, this compact powerhouse redefines efficiency without compromising on capability. Driven by the Intel® Core™ i5-1250P processor, featuring 12 cores that reach up to 4.4 GHz with a 12 MB cache, the Aero Mini PC handles multitasking and intensive applications with effortless grace.

Massive Memory and Speedy Storage

- Experience seamless operation with a substantial 64GB of DDR4 RAM, allowing you to run multiple applications simultaneously without slowdown.
- Benefit from rapid boot times and quick application loading thanks to the 32GB MLC SSD.

Versatile Connectivity and Robust Build

- Connect your peripherals and displays with ease through a comprehensive array of ports, including HDMI, VGA, multiple USB 3.2 and USB 2.0 ports (including front-facing options), and a front USB C for modern device compatibility.

- Enjoy reliable wired networking with the integrated 1000 Mbps Ethernet port.
- The durable steel and ABS plastic housing, finished in a sleek black powder coat, ensures longevity.
- Included is a Thinvent® Keyboard and Mouse set for an immediate, ready-to-go solution.

Reliable and Efficient Operation

- Operating at 12 Volts with a 7 Amp adapter and a 2-meter cable, this PC is designed for stable power delivery.
- Its compact dimensions (198mm × 187mm × 40mm) make it ideal for space-constrained workspaces.
- Engineered for stability, it operates efficiently within a temperature range of 0°C to 35°C and humidity of 20% to 80% RH.
- Certified with BIS, RoHS, and ISO standards for quality assurance.

Powerful Operating System

- Comes pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a stable and secure platform optimized for commercial and embedded applications.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 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	2.14kg, 2.14kg

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-i5_12-[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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