



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-8_8-M2048-12_7-X-
THINUX-KM



Unleash Powerful Performance, Compactly.

The Thinvent® Aero Mini PC: Your Gateway to Efficient Computing.

Experience robust performance in an incredibly small form factor. Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores, a max frequency of 4.4 GHz, and 12 MB cache, this Mini PC handles demanding tasks with ease. With 4GB DDR4 RAM and a lightning-fast 128GB SSD, boot-up and application loading are swift and seamless.

Key Specifications

- Processor: Intel® Core™ i5-1250P (12 Core, up to 4.4 GHz, 12 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 128 GB SSD
- Graphics Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In
- USB Ports: 2 USB 3.2, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C
- Networking: 1000 Mbps Ethernet
- Power Adapter: 12V 7A (100~275 Volts AC input)

Operating System

- Thinvent® Thinux™ Embedded Linux: Streamlined and secure, optimized for performance and reliability.
- Included Software: Chromium and Mozilla Firefox browsers for web browsing. Secure remote access with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH. Browser-based remote management and VNC shadowing. Supports Java, Python, and glibc for location applications. Full office productivity with LibreOffice and PDF viewer. Enjoy multimedia with a player supporting MPEG4. Integrated SIP for video and voice over IP.

Durable and Compact Design

- Dimensions: 198mm × 187mm × 40mm
- Housing: Robust Steel and ABS Plastic, powder-coated in a sleek black finish.
- Ideal for tight spaces and diverse environments with an operating temperature range of 0°C to 35°C.

Included Accessories

- Thinvent® Keyboard and Mouse set for immediate productivity.

Certifications

- BIS, RoHS, ISO compliant for peace of mind.



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	16 GB
SSD Storage	2048 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	2.23kg, 2.23kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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