



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)

1TB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-16_16-M1024-12_5-X-U-KM



Unleash Your Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, engineered for efficient performance and incredible versatility. This compact marvel is your gateway to seamless multitasking, creative exploration, and essential computing, all within a sleek, space-saving design.

Key Performance Features

- Experience lightning-fast responsiveness with the Intel® Core™ i5-1250P processor, featuring 12 cores and a max frequency of 4.4 GHz for demanding tasks.
- Effortlessly manage multiple applications with 8GB of DDR4 RAM.
- Enjoy rapid boot times and swift data access with the 128GB SSD storage.

Connectivity and Convenience

- Connect your displays with ease via HDMI and VGA ports.
- Versatile USB connectivity includes 2x USB 3.2, 2x USB 2.0, and 4x Front USB 2.0, plus a convenient Front USB C port.

- Enjoy robust wired networking at 1000 Mbps with the integrated Ethernet port.
- Dedicated speaker out and microphone in ports, including front options, ensure clear audio communication.

Built for Reliability and Ease of Use

- Powered by a 12V 7A adapter, designed for energy efficiency.
- Pre-installed with Ubuntu Linux 24.04 LTS for a stable and customizable operating system experience.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- Crafted with a durable steel and ABS plastic housing in a sophisticated black finish.
- Compact dimensions of 198mm × 187mm × 40mm make it ideal for any workspace.

This Mini PC is designed for optimal operation within a 0°C ~ 35°C operating temperature range and 20% ~ 80% non-condensing humidity. With BIS, RoHS, and ISO certifications, you can trust in its quality and compliance.



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	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	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	Ubuntu Linux 24.04 LTS
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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		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	S32 = 32GB MLC		S128 = 128GB	
	S256 = 256GB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	Thinix = Thinix™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		KM = Keyboard and Mouse set	
	MK = Mechanical Keyboard		Mo = Wired Optical Scroll Mouse	

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