



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

128GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-16-M128-12_5-X-W_OS-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, a compact yet incredibly powerful computing solution designed to elevate your workspace.

Engineered for Performance

Experience seamless multitasking and lightning-fast responsiveness with the Intel® Core™ i5-1250P processor, boasting 12 cores that reach up to 4.4 GHz and a substantial 12 MB cache.

Expansive Memory and Storage

Accommodate your demanding applications and projects with an enormous 64 GB of DDR4 RAM. The rapid 32 GB MLC SSD ensures swift boot times and application loading.

Versatile Connectivity

This Mini PC offers a wide array of ports to suit your needs

- 1 HDMI and 1 VGA for dual display options.
- Multiple USB ports (2 x USB 3.2, 2 x USB 2.0, 4 x Front USB 2.0, 1 x Front USB C) for all your peripherals.
- Dedicated audio jacks: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In.

- A robust 1000 Mbps Ethernet port for reliable network connectivity.

Built for the Modern Environment

Designed with a durable steel and ABS plastic housing, powder-coated in a sleek black finish, the Thinvent® Aero Mini PC is as stylish as it is robust. Its compact dimensions (198mm x 187mm x 40mm) make it ideal for any desk setup.

Customizable Computing

Enjoy the freedom to install your preferred operating system and the included Thinvent® Keyboard and Mouse set for immediate productivity.

Reliable Power and Operation

Powered by a 12V 7A adapter, compatible with a wide AC input range (100~275 Volts AC, 50~60 Hz). Operates efficiently within a temperature range of 0°C to 35°C and 20% to 80% humidity.

Certifications

- BIS
- RoHS
- ISO



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	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
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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	Without OS
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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 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB 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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