Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

32GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: AERO-I5_12-16-S32T-12_7-M-11P-0



Thinvent® Aero Mini PC: Unleash mighty performance in a minimalist design.

Experience unparalleled power and efficiency with the Thinvent® Aero Mini PC. Engineered for demanding tasks and seamless multitasking, this compact powerhouse redefines what a small footprint can achieve. Perfect for professional environments, home offices, or media centers, it delivers robust performance without cluttering your space.

Performance That Excels

At its core, the Intel® Core™ i5-1250P processor boasts an impressive 12 cores and reaches speeds up to 4.4 GHz, complemented by a 12 MB cache. This ensures lightning-fast responsiveness for applications, smooth productivity, and efficient handling of complex workloads. Coupled with 4GB DDR4 RAM and a rapid 128GB SSD, you'll enjoy quick boot times and swift data access.

Seamless Connectivity & Versatility

Stay connected with integrated dual-band Wi-Fi 5 (802.11ac) and Gigabit Ethernet for blazing-fast network speeds. A comprehensive array of ports provides unmatched versatility

- Display Options: HDMI, VGA
- Audio Connections: Speaker Out, Mic In, Front Speaker Out, Front Mic In
- USB Power: 2 USB 3.2 ports, 2 USB 2.0 ports, 4 front USB 2.0 ports, 1 front USB C port
- Professional Grade: Windows 11 Pro ensures a secure and modern computing experience with advanced features.

Compact, Durable, and Certified

Encased in a sleek, black powder-coated steel and ABS plastic housing, the Aero Mini PC is designed to be both discreet and resilient. Its ultra-compact dimensions (198mm × 187mm × 40mm) allow it to fit almost anywhere. Built for reliability, it operates seamlessly within 0°C to 35°C and 20% to 80% RH non-condensing, carrying essential BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance. Power it efficiently with its 12V 7A adapter, supporting a wide 100~275 Volts AC input range.







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	32 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	1.71kg, 1.71kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Aero Mini PC

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	
	m2048 = 2TB		**S32** = 32GB MLC	
	S32T = 32GB		**S128** = 128GB	
	S256 = 256GB		**h1024** = 1TB HDD	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**Thinux** = Thinux™ 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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