Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

1TB HDD

No WiFi

Without OS

SKU: AERO-I5_12-16-H1024-12_7-X-W_OS-0



Unleash Mighty Performance in a Minimal Footprint.

Experience the next generation of compact computing with the Thinvent® Aero Mini PC. Engineered for peak performance and unwavering reliability, this powerhouse is driven by the Intel® Core™ i5-1250P processor, boasting 12 cores and a blistering 4.4 GHz max frequency. Tackle demanding applications, multitask with ease, and power through your workday effortlessly.

Performance at Your Core

- Dominate tasks with 12 processor cores and a generous 12 MB of cache.
- Enjoy seamless multitasking with 8GB of high-speed DDR4 RAM.
- Boot in seconds and launch applications instantly with the rapid 128GB SSD.

Connectivity Redefined

- Stay connected with an extensive array of ports: 2x USB 3.2, 2x USB 2.0, 4x Front USB 2.0, and 1x Front USB C.
- Drive dual displays simultaneously with dedicated HDMI and VGA outputs.
- Benefit from rock-solid 1000 Mbps gigabit Ethernet for stable, secure wired networking.
- Integrated speaker out and mic in, plus front-panel audio, for comprehensive audio solutions.

Designed for Your Needs

- Its sleek 198mm × 187mm × 40mm black steel and ABS housing fits discreetly into any environment.
- Built to last with a durable powder-coated finish and operating within 0°C to 35°C.
- Certified with BIS, RoHS, and ISO standards for assured quality and peace of mind.
- This model comes without an operating system, providing the freedom to install your preferred OS (Windows, Linux, etc.) and save on licensing costs. Note: WiFi is not included, ensuring a focus on secure, stable wired connectivity, ideal for critical environments.

The Thinvent Aero Mini PC is your ideal solution for efficient workstations, embedded applications, or custom builds where power, stability, and a tailored OS environment are paramount.









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
HDD 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

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	Without OS

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	
	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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