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

Ubuntu Linux

SKU: AERO-I5_12-16-S32T-12_7-M-U-0



Experience Power and Precision in a Compact Design.

The Thinvent® Aero Mini PC redefines efficiency, packing robust performance into an incredibly small footprint. Designed for productivity and demanding tasks, this mini powerhouse is your ultimate computing solution.

Unleash exceptional speed with the Intel® Core™ i5-1250P processor, boasting 12 cores and turbo frequencies up to 4.4 GHz, backed by a generous 12 MB cache. Multitasking is seamless with 16GB of high-speed DDR4 RAM, ensuring applications run smoothly. Your operating system and essential applications load in an instant thanks to the ultra-fast 32GB MLC SSD.

Connectivity at Your Fingertips

- Enjoy crystal-clear visuals with HDMI and VGA ports.
- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a lightning-fast 1000 Mbps Ethernet port.
- Expand your setup with a rich array of 2x USB 3.2, 6x USB 2.0 (2 rear, 4 front), and a versatile front USB C port.
- Integrated audio with front and rear speaker out and mic in ensures all your audio needs are met.

Powered by Ubuntu Linux 24.04 LTS, the Aero Mini PC offers a secure, stable, and highly customizable computing environment, free from licensing complexities. Its durable steel and ABS plastic housing, finished in sleek black, ensures longevity and a professional aesthetic, all within a compact 198mm × 187mm × 40mm form factor. The included 12V 7A adapter provides stable power, and its 2-meter cable allows flexible placement. Certified with BIS, RoHS, and ISO, you can trust its quality and reliability.

Embrace powerful, efficient, and versatile computing with the Thinvent® Aero Mini PC – built for your modern workflow.







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	Ubuntu Linux 24.04 LTS

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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