



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

1TB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_14-32-M1024-12_5-X-U-KM



Unleash Productivity with the Mighty Mini: Thinvent® Aero PC

Experience unparalleled performance and compact design with the Thinvent® Aero Mini PC. Powered by an Intel® Core™ 5 120U processor featuring 10 cores, reaching up to 5.0 GHz with a 12 MB cache, this powerhouse handles demanding tasks with ease. Multitask seamlessly with 32GB of DDR4 RAM, while the 128GB SSD ensures lightning-fast boot times and application loading.

Versatile Connectivity

- Multiple HDMI and VGA ports for flexible display setups.
- Abundant USB ports (2x USB 3.0, 2x USB 2.0, 4x Front USB 2.0, 1x Front USB C) for all your peripherals.
- High-speed 1000 Mbps Ethernet for reliable network connections.

Robust and Reliable

- Durable steel and ABS plastic housing with a sleek black powder-coated finish.
- Operates reliably within a 0°C ~ 35°C temperature range.
- Includes a 12V 7A adapter for stable power.
- Comes with a Thinvent® Keyboard and Mouse set, ready for immediate use.

Seamlessly Integrated

- Pre-installed with the latest Ubuntu Linux 24.04 LTS for a secure and open-source computing experience.
- Compact dimensions (198mm x 187mm x 40mm) fit perfectly in any workspace.
- Certifications: BIS, RoHS, ISO for peace of mind.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	1024 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	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	1.74kg, 1.74kg

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_14-[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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