



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

128GB SSD

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_14-64-M128-12_5-M-THINUX-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, your ultimate solution for efficient and versatile computing. This sleek, space-saving device packs a punch with its Intel® Core™ 5 120U processor, boasting 10 cores and reaching up to 5.0 GHz for lightning-fast performance. Experience seamless multitasking with 8GB of DDR4 RAM and rapid data access thanks to the 512GB SSD.

Key Specifications

- Processor: Intel® Core™ 5 120U (10 cores, up to 5.0 GHz, 12 MB cache)
- Memory: 8GB DDR4 RAM
- Storage: 512GB SSD
- Display Outputs: 2 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In (Front: 1 Speaker Out, 1 Mic In)
- Connectivity: 2 USB 3.0, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C, 1000 Mbps Ethernet
- Wireless: Dual Band Wi-Fi 5 (802.11ac)
- Power: 12V 7A Adapter (100~275 Volts AC input)

Included Accessories and Software

- Thinvent® Keyboard and Mouse set
- Thinix™ Embedded Linux Operating System: Optimized for performance and security.
- Enhanced Browser Capabilities: Chromium and Mozilla Firefox browsers.
- Robust Remote Access: RDP 10 (RemoteFX, H.264/AVC), Putty and SSH, Browser-based remote management, VNC shadowing.
- Versatile Application Support: Java, Python, glibc, LibreOffice, PDF viewer, Multimedia player with MPEG4.
- Advanced Communication: SIP video and voice over IP.

Designed for reliability and efficiency, the Aero Mini PC features a durable steel and ABS plastic housing in a sophisticated black finish. Its compact dimensions (198mm × 187mm × 40mm) make it ideal for any workspace. With certifications like BIS, RoHS, and ISO, you can trust in its quality and environmental compliance. Perfect for office, education, or specialized deployments.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	128 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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