Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

32GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: AERO-I5_14-16-S32T-12_7-M-11P-0



Unleash Mighty Performance in a Mini Footprint.

Introduction

Discover the Thinvent® Aero Mini PC, a powerhouse of productivity engineered for demanding professionals and efficient businesses. This compact marvel redefines desktop computing, delivering uncompromised speed and versatility in an incredibly small form factor.

Power & Speed Redefined

- Experience lightning-fast operations with the Intel® Core™ 5 120U processor, featuring 10 cores and an impressive turbo frequency of up to 5.0 GHz, complemented by 12 MB of cache for swift data access.
- Seamlessly juggle multiple applications and heavy workloads with 16GB DDR4 RAM.
- Benefit from ultra-rapid system boot-ups and application loading thanks to the 32GB MLC SSD.
- Navigate effortlessly and securely with Windows 11 Pro pre-installed, offering a modern, productive, and protected computing environment.

Extensive Connectivity & Versatility

- Drive multi-monitor setups with ease using dual HDMI ports and an additional VGA output.
- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a high-speed 1000 Mbps Ethernet port.
- Connect all your peripherals with a comprehensive array of USB ports, including 2x USB 3.0, 6x USB 2.0 (4 front-facing), and a modern front USB-C port.
- Enjoy comprehensive audio solutions with dedicated speaker out, mic in, and front audio jacks.

Compact & Durable Design

- Its sleek black housing, crafted from robust steel and ABS plastic with a powder-coated finish, measures just 198mm × 187mm × 40mm – fitting seamlessly into any workspace.
- Built for reliability, it operates efficiently in temperatures from 0°C to 35°C and is certified with BIS, RoHS, and ISO standards, ensuring quality and environmental compliance.
- Power it anywhere with a wide-range 100~275V AC input adapter, featuring a generous 2-metre cable.

Thinvent® Aero Mini PC: Elevate your computing experience without sacrificing space or performance.







Thinvent Aero Mini PC

Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	32 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	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	1.32kg, 1.32kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Aero Mini PC

Ordering Information

PRODUCT CODE

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Aero-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]
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RAM	**4** = 4GB DDR4	**8** = 8GB DDR4	**16** = 16GB DDR4	**32** = 32GB DDR4
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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