Thinvent Aero Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

8GB DDR4 RAM

1TB HDD

No WiFi

Windows 11 Pro

SKU: AERO-R5_7-8-H1024-19_3-X-11P-0



Powerful performance, perfectly compact.

The new Thinvent Aero Mini PC brings genuine desktop-class performance to the smallest of footprints. Powered by an AMD Ryzen™ 5 processor, it handles demanding multitasking, data entry, and industrial software with effortless ease – all without taking up precious desk space.

Why choose the Aero for your workspace? It is engineered for reliability in busy environments. The robust steel and ABS housing, finished with a durable powder coat, withstands the bumps and knocks of daily use, making it ideal for factory floors, retail counters, or busy offices.

This mini PC is a smart upgrade for anyone running legacy systems or looking to modernise a workstation. It runs Windows 11 Pro out of the box, so integration into your existing network is straightforward. With multiple USB ports – including a convenient USB-C on the front – and both HDMI and VGA outputs, you can connect legacy monitors, barcode scanners, printers, or other peripherals without hassle.

The Aero Mini PC is also a champion of space-saving. Tuck it behind a monitor, mount it under a desk, or place it in a tight kiosk enclosure. Its low power draw from the included 12V adapter keeps energy costs down and heat output minimal.

For a compact computer that delivers reliable performance, easy connectivity, and the ruggedness your work demands, the Thinvent Aero is the practical, powerful choice.









Thinvent Aero Mini PC

Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7430U
Cores	6
Max Frequency	4.3 GHz
Cache	16 MB
Main Memory	8 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 Gen 1	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1

NETWORKING

Ethernet	1000 Mbps

POWER

DC Voltage	19 Volts
DC Current	3 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	1.16kg, 1.16kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Aero Mini PC

Ordering Information

PRODUCT CODE

`Aero-r5_7-[RAM]-[SSD]-19_3-[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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