Thinvent Aero Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

4GB DDR4 RAM

1TB HDD

No WiFi

Thinux Embedded Linux

SKU: AERO-R5_7-4-H1024-19_3-X-THINUX-0



Quietly powerful, endlessly reliable.

Ideal for embedded applications where space is tight but performance matters

- A compact yet robust mini PC that fits discreetly into kiosks, digital signage, or industrial control panels
- Powered by AMD's efficient Ryzen 5 processor, delivering responsive multitasking for point-of-sale, thin client, or light server workloads
- Ships with Thinvent's own Thinux™ Embedded Linux, a streamlined OS pre-loaded with essential tools for remote management, web browsing, and document editing
- Eliminates the cost and complexity of Windows licensing while providing a stable, secure platform for your specific application
- Plenty of connectivity options including USB-C, dual video outputs, and gigabit Ethernet to integrate with legacy and modern peripherals
- The powder-coated steel and ABS housing stands up to demanding environments, while the fanless design keeps operation silent and maintenance-free
- Compact dimensions let you mount it behind a display or tuck it into a rack without sacrificing performance

Why choose Thinvent? Because we understand that your application is unique. We build industrial-grade systems tailored to your needs, with the flexibility to configure exactly what you require – no more, no less. The Aero Mini PC gives you a dependable, long-lasting foundation for your business-critical tasks, backed by British engineering and worldwide support.

Ready to streamline your operations? This is the workhorse you can trust, day in and day out.









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	4 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	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.

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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