Thinvent Aero Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

16GB DDR5 RAM (2 x 8GB)

256GB SSD

No WiFi

Windows 11 Professional

SKU: AERO-CU5_14L-8_8_5-M256-12_5-X-11O-0

Meet the Thinvent Aero Mini PC – powerful, quiet, and ready for business.

Built for the daily grind

- Tackle demanding office work, multitasking, and data entry without breaking a sweat.
- Enjoy rapid boot-up and responsive software, so you spend less time waiting and more time doing.
- Trust in dependable, round-the-clock performance for retail tills, reception desks, and control rooms.

Made to fit seamlessly into any workspace

- Mount it behind a monitor or tuck it under a desk to reclaim valuable space.
- Run two screens at once with ease, perfect for spreadsheets, dashboards, or customer-facing displays.
- Connect to a wired network with confidence, knowing your connection stays stable and secure.

Engineered for real-world reliability

- A sturdy, powder-coated steel and ABS housing shrugs off knocks and bumps.
- Operates quietly and coolly, even during long shifts.
- Ships with Windows 11 Professional for a familiar, secure, and productive experience out of the box.

Choose the Aero Mini PC for your next upgrade because it delivers serious desktop power in a compact, cost-effective package. You get the flexibility to connect legacy peripherals alongside modern USB-C devices, making it a smart choice for anyone modernising their setup without replacing everything else.

Whether you're equipping a new office, refreshing a shop floor, or building a simple kiosk system, the Aero is the dependable workhorse you've been looking for. It simply gets on with the job – day after day.

Thinvent Aero Mini PC

Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	256 GB

DISPLAY

HDMI 2.0	1
VGA	1

AUDIO

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

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	1.62kg, 1.62kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional

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Ordering Information

PRODUCT CODE

`Aero-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]`

RAM	**8_5** = 8GB DDR5	**16_5** = 16GB DDR5	**32_5** = 32GB DDR5	**32_32_5** = 64GB DDR5 RAM (2 x 32GB)
	16_16_5 = 32GB DDR5 RAM (2 x 16GB)	**8_8_5** = 16GB DDR5 RAM (2 x 8GB)		
SSD	**m128** = 128GB		**m256** = 256GB	
	m512 = 512GB		**m1024** = 1TB	
	m2048 = 2TB		**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	
	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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