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

256GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-CU5_14L-16_5-M256-12_5-M-U-0

Power your vision, without the bulk. The Thinvent® Aero Mini PC is your compact engine for intelligent digital applications, delivering robust performance wherever you need it most. This unassuming powerhouse is engineered to thrive in dynamic environments, from retail kiosks to industrial control panels.

Built for business and industry

Unleash the potential of next-generation Intel® processing in a remarkably small footprint. The Aero Mini PC is built to handle demanding commercial software, multi-tasking with ease to keep your operations running smoothly. Its fanless, durable design ensures silent, reliable operation 24/7, even in challenging conditions.

Seamless connectivity, limitless applications

- Effortlessly integrate into any network with dual Gigabit Ethernet ports for ultimate reliability.
- Connect to a full suite of peripherals and displays via its comprehensive array of ports.
- Deploy secure, custom solutions instantly with the pre-installed Ubuntu Linux operating system.

Your reliable partner for a connected world

From driving digital signage in a bustling hotel lobby to managing point-of-sale systems in a café, the Aero Mini PC is the versatile, professional-grade computer you can install and forget. It's the smart, streamlined foundation for your most important projects.

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
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	1.62kg, 1.62kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS

Thinvent Aero Mini PC

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
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
	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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