



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12L-8-M1024-12_7-M-W_OS-KM



Unleash big performance from an incredibly small footprint. The Thinvent® Aero Mini PC is your powerhouse for demanding industrial applications, delivering reliable computing where space is at a premium.

Engineered for Real-World Reliability

Forget bulky towers. The Aero's compact, rugged design is built to thrive in challenging environments, from the factory floor to the digital signage network. Its robust construction ensures dependable operation day in, day out.

Uncompromising Power for Your Operations

- Experience smooth multitasking and rapid data handling, empowering everything from complex process control to detailed data visualisation.
- Dual Gigabit Ethernet ports provide rock-solid, high-speed network connectivity essential for machine communication and network redundancy.

- Versatile connectivity options allow you to seamlessly integrate with a wide array of industrial peripherals and displays.

Your Customised Industrial Solution

Supplied without an operating system, the Aero offers ultimate flexibility. Install your preferred specialised software or lightweight OS, creating a perfectly tailored solution for your unique workflow. It arrives ready to work with our included keyboard and mouse set.

Deploy a compact, powerful, and adaptable computing core that simply gets the job done. Choose the Thinvent Aero Mini PC.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	8 GB
SSD 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	2
Front USB 2.0	4
Front USB C	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
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	2.23kg, 2.23kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

Aero-i5_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux		
Accessories	0 = None MK = Mechanical Keyboard	KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse		

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