



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

No WiFi

Windows 11 IoT Value

SKU: AERO-I5_12L-8-M1024-12_7-X-11V-0



Unleash powerful, reliable computing in a compact industrial form.

Engineered for the Demanding Edge

Harness the robust performance of a 12th Gen Intel Core i5 processor to drive your critical operations. This mini PC is built to handle complex tasks with smooth efficiency, ensuring your industrial applications run without interruption.

Built for Rugged Reliability

Designed for challenging environments, its durable steel and ABS construction offers exceptional resilience. With dual Gigabit LAN ports for robust network connectivity and a fanless design for silent, maintenance-free operation, it thrives where standard PCs fail.

Your Versatile Industrial Hub

From digital signage and kiosks to factory automation and thin client setups, the Aero Mini PC provides a dependable computing core. Its compact size saves valuable space, while comprehensive connectivity options allow seamless integration with a wide array of peripherals and displays.

Simplify Your Deployment

Arriving with Windows 11 IoT Enterprise, it offers a secure and manageable platform right out of the box. Achieve lower total cost of ownership with a solution that delivers industrial-grade durability, consistent performance, and effortless integration into your existing infrastructure.



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

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	1.71kg, 1.71kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

Aero-i5_12l-[RAM]-[SSD]-12_7-[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	
	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	
	Thinix = Thinix™ 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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