



Thinvent Aero Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM (2 x 8GB)

256GB SSD

No WiFi

Windows 11 Professional

SKU: AERO-I7_12L-8_8-S256-12_7-X-11O-0



Powerful performance in a pocket-sized powerhouse, built for business that never stops.

Meet the Thinvent Aero Mini PC – the quiet workhorse your office has been waiting for. It brings muscular Intel Core i7 performance to a compact, powder-coated steel chassis that shrugs off the bumps and knocks of daily business life. Whether you're managing a busy reception desk, powering a digital signage display, or running a critical control point, the Aero keeps things moving without taking up valuable desk space.

Why choose the Aero Mini PC

- It slips neatly behind a monitor or under a desk, turning clutter into calm.
- Its dual Gigabit Ethernet ports make it perfect for firewall, router, or network appliance duties – reliable, always-on connectivity you can trust.

- The solid build and passive reliability mean fewer interruptions, so your team stays productive from first login to home time.
- It arrives ready to work with Windows 11 Professional, giving you the familiar, secure environment your business relies on.
- The versatile port selection lets you connect legacy equipment and modern USB-C peripherals side by side – no adapters, no fuss, no downtime.

From shop floors to server rooms, the Aero Mini PC keeps your operations running smoothly and quietly. It is a dependable alternative to bulkier desktop towers, engineered for the long hours and steady demands of real-world work.

Name: Space is precious, uptime is critical, and the Aero Delivers.

Upgrade to a computer that works as hard as you do – the Thinvent Aero Mini PC.



Thinvent Aero Mini PC



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	256 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
RS485 Option	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 Professional
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Ordering Information

PRODUCT CODE

Aero-i7_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	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	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		
	110 = Windows 11 Professional	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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