



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_12-16_16-M2048-12_7-M-THINUX-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, your ultimate solution for efficient and versatile computing. Experience seamless multitasking and rapid performance powered by the Intel® Core™ i5-1250P processor, boasting 12 cores, up to 4.4 GHz speed, and 12 MB cache. This compact desktop redefines efficiency, fitting effortlessly into any workspace.

Key Performance Features

- Processor: Intel® Core™ i5-1250P
- Cores: 12
- Max Frequency: 4.4 GHz
- Cache: 12 MB
- Main Memory: 4 GB DDR4 RAM
- SSD Storage: 1 TB

Connectivity and Peripherals

- HDMI: 1
- VGA: 1
- USB 3.2: 2
- USB 2.0: 2
- Front USB C: 1
- Ethernet: 1000 Mbps
- Dual Band Wi-Fi 5 (802.11ac)

- Includes Thinvent® Keyboard and Mouse set

Empowering Operating System

- Operating System: Thinvent® Thinux™ Embedded Linux
- Features: Optimized for speed and security, includes Chromium and Mozilla Firefox browsers, robust remote access capabilities (RDP 10, SSH, VNC), Java, Python and glibc application support, LibreOffice, PDF viewer, multimedia player, and SIP video/voice over IP.

Designed for Your Environment

- Adapter: 12V 7A
- Dimensions: 198mm × 187mm × 40mm
- Housing: Durable Steel and ABS Plastic, Powder Coated Black
- Operating Temperature: 0°C ~ 35°C
- Certifications: BIS, RoHS, ISO

The Thinvent® Aero Mini PC is engineered for reliability, performance, and adaptability, making it the ideal choice for business, education, and home use.





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	32 GB
SSD Storage	2048 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
USB 2.0	2
Front USB 2.0	4
Front USB C	1

NETWORKING

Ethernet	1000 Mbps
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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

Ordering Information

PRODUCT CODE

Aero-i5_12-[RAM]-[SSD]-12_10-[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	
	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	
	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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