Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

128GB SSD

No WiFi

Thinux Embedded Linux

SKU: AERO-I5_12L-16-S128-12_7-X-THINUX-0

Unleash robust computing power in a compact, industrial-grade package.

Ideal for business-critical and embedded applications where reliability is paramount.

Engineered for demanding environments

The Thinvent Aero Mini PC delivers silent, fanless operation and is built from rugged steel to thrive in harsh conditions, from factory floors to digital signage installations. Its dedicated dual Gigabit LAN ports ensure unwavering network reliability for control systems and secure data transfer.

Simplify deployment and management

Pre-installed with our secure, lightweight Thinux™ operating system, it arrives ready for your specialised software. Benefit from powerful remote management tools, including browser-based control and VNC, allowing for effortless oversight and maintenance from anywhere. This streamlined approach reduces setup time and total cost of ownership.

Power your specialised solutions

- Drive multiple displays for dynamic digital signage and information kiosks.
- Act as the dependable heart of automation, IoT gateways, and thin client setups.
- Support custom industrial applications with built-in support for Java and Python.

Choose the Aero Mini PC for a focused, powerful, and utterly dependable computing core that just works.

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	16 GB
SSD Storage	128 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	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.

Thinvent Aero Mini PC

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
	64 = 64GB DDR4	
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

www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India