Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

1TB HDD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: AERO-I5_14-8-H1024-12_7-X-THINUX-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC, a revolutionary computing solution engineered for efficiency and performance. Experience blazing-fast responsiveness powered by the Intel® Core™ 5 120U processor, boasting 10 cores that reach up to 5.0 GHz with a 12 MB cache. Multitask effortlessly with a massive 64GB of DDR4 RAM and store your essential files on a speedy 512GB SSD.

Designed for seamless connectivity and a clutter-free workspace, this Mini PC comes equipped with extensive display options including 2 HDMI ports and 1 VGA. Enjoy clear audio with speaker out and microphone in ports, plus dedicated front ports for convenience. Connectivity is robust with 2 USB 3.0, 2 USB 2.0, 4 front USB 2.0, and 1 front USB C port, alongside a 1000 Mbps Ethernet connection.

The included Thinvent® Keyboard and Mouse set provides an ergonomic user experience, perfectly complementing the sleek black steel and ABS plastic housing. This Mini PC runs on the powerful and secure Thinux™ Embedded Linux operating system, pre-loaded with essential applications.

Key Specifications

- Processor: Intel® Core™ 5 120U (10 Core, up to 5.0 GHz, 12 MB Cache)
- Memory: 64GB DDR4 RAM
- Storage: 512GB SSD
- Display Outputs: 2 HDMI, 1 VGA
- Ports: 1 Speaker Out, 1 Mic In, 1 Front Speaker Out, 1 Front Mic In, 2 USB 3.0, 2 USB 2.0, 4 Front USB 2.0, 1 Front USB C
- Networking: 1000 Mbps Ethernet
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Thinvent® Thinux™ Embedded Linux

Thinvent® Aero Mini PC: Your ultra-compact gateway to unparalleled performance and streamlined workflow.









Thinvent Aero Mini PC

Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	8 GB
HDD Storage	1024 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1

NETWORKING

Ethernet	1000 Mbps

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	1.84kg, 1.84kg

ACCESSORIES

Keyboard and Mouse	1

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_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]`

RAM	**4** = 4GB DDR4	**8** = 8GB DDR4	**16** = 16GB DDR4	**32** = 32GB DDR4
SSD	**m128** = 128GB **m512** = 512GB **m2048** = 2TB **S128** = 128GB **h1024** = 1TB HDD		**m256** = 256GB **m1024** = 1TB **S32** = 32GB MLC **S256** = 256GB	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS **11V** = Windows 11 IoT Value **11O** = Windows 11 Professional **U** = Ubuntu Linux		**W_OS** = Without OS **11P** = Windows 11 Pro **Thinux** = Thinux™ Embedded Linux	
Accessories	**0** = None **MK** = Mechanical Keyboard		**KM** = Keyboard and Mouse set **Mo** = Wired Optical Scroll Mouse	

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