

Aiffro K100

ALL-SSD NAS



High-performance processor

- Equipped with Intel Alder Lake N100 processor, featuring the 7nm Gracemont architecture, 4 cores, 4 threads, 6MB cache, and a maximum clock speed of 3.40GHz, providing powerful computing capabilities for high-performance applications.

Small form factor design and optional VESA mount

- With dimensions of 117 x 112 x 34 mm, Aiffro K100 SSD NAS has a compact size suitable for installation in various space-constrained environments. An optional VESA mount is available for easy installation and fixation in different environments.

A full-flash four-bay NAS

- Providing higher data read/write performance and responsiveness, the Aiffro K100 SSD NAS device features four hard drive bays, allowing for the installation of up to four hard drives. This provides users with larger storage capacity and data redundancy options, making it suitable for scenarios that require high-performance storage and data reliability, such as enterprise datacenters, professional photography, and video editing studios.

Scalability

- Supporting 4 SSD slots (2280 M.2 PCIE Gen3*2), providing flexible storage configurations and expansion capabilities, to meet growing storage needs.

Data protection

- Offers data backup and recovery capabilities, supports data encryption, access control and RAID technology to ensure data security and privacy protection. An optional TPM2.0 module is available, providing enhanced data security.

Support for various applications

- In addition to basic file storage and sharing functions, it can also support various applications such as media servers, backup servers, virtualization environments, etc, catering to different user needs.

Powerful graphics processing

- Utilizing Intel UHD Graphics 12th, delivering excellent graphics processing performance, suitable for image editing, video rendering, and other graphics-intensive tasks.

High-speed memory

- Featuring LPDDR5 8GB memory with a frequency of 4800MHz, offering fast and efficient data processing capabilities.

Various I/O ports

- Equipped with 2 USB 2.0 ports, 1 TYPE-C DC in port, 2 TYPE-C USB 3.2 Gen2 ports (data only), 1 2.5G RJ45 port, and 1 HDMI 1.4 port, catering to a wide range of external device connectivity needs.

Wide compatibility with operating systems

- Supports CentOS, Euler, Ubuntu, Windows 11, TrueNAS, FreeNAS, and other operating systems, catering to different user requirements.

Key Features

Unleash the Power of High-Performance Applications with Aiffro K100 SSD NAS!

Whether it's large-scale data transfers, video editing, or database access, Aiffro K100 SSD NAS is the ultimate solution for demanding storage performance requirements.

Experience a revolution in storage technology with SSD NAS!

the ultimate solution for lightning-fast file access and sharing. Powered by solid-state drives (SSD), our NAS devices redefine the boundaries of speed and performance, delivering unparalleled efficiency and productivity.

Experience the Power of Speed!

With the formidable power of flash memory technology, Aiffro K100 SSD NAS delivers unparalleled speed and responsiveness, making your workflow more efficient and seamless. Achieve higher speeds, lower latency, and unmatched durability.



Technical Specifications

Form Factor	117*112*34 mm
CPU	Intel N100
Video Engine Processor	Intel UHD Graphics 12th
Memory	LPDDR5 8GB 4800MHz
Storage	4 x SSD (2280 M.2 PCIE Gen3*2)
I/O Port	2 x USB 2.0 2 x TYPE-C USB3.2 Gen2 Data Only 1 x TYPE-C DC 1 x RJ45 1 x HDMI 1.4
LED	1 x POWER LED (Power On: Green+Red, working: Green) The operating system can control the on/off and flashing frequency of red/green lights
Ethernet	Realtek RTL8125 10/100/1000/2500 Mbps Ethernet
Adapter	Automatics Voltage adjustment between 100 and 240V AC,50/60Hz, 65Watts PD (20V/3.25A) , 1.5 meters long Type- C cable
Support system	CentOS、Euler、Ubuntu、Win11、FreeNAS、TureNAS
Accessory	VESA Mount (option)

Note:

- This product does not come with a built-in system; you need to install the required operating system yourself.
- We do not take responsibility for personal data stored in the product; please back up your data.
- The product comes with a 2-year warranty.
- For more product information, warranty details, or return procedures, please visit <https://aiffro.com/>.