



SUPPORTED MEDIA

NINJA V

Last update: September, 2020

Make sure to format the SSD drive in the Atomos prior to recording in order to ensure disk integrity

For drives with Secure Erase it is advisable to enable this feature to ensure maximum drive performance.

NOTE: It is important to take note of the Skippy indicator on your Atomos Device. If the icon appears on the screen, this indicates either a cable input error or most likely a drive writes performance issue that will result in a dropped frame and split files. Please select a drive from the qualified list that meets the requirement for your chosen product, resolution, frame rate and codec. Whilst drives not on this list may claim to have similar performance they may not have the sustained speeds required for recording or playback of high bit rate video codecs.

ProRes RAW HQ up to 6k p30, 4k P60, 2k 240fps

ProRes RAW up to 6k p30, 4k p60, HD 120fps.

ProRes RAW HQ up to 4k p30, HD 120fps

ProRes RAW HQ up to FHD 1080 p60

ProRes 422 HQ / DHxHR HQX up to 4k DCI p60, 2k240 fos

ProRes 422 HQ / DHxHR HQX up to 4k DCI p60, HD 120fps

ProRes 422 HQ up to 4k DCI p30, HD 120fps

ProRes 422 HQ up to FHD 1080 p60

Media Brand	Model Name	Media Type	Capacity	Secure Erase	<400MBs	<300MBs	<200MBs	<100MBs
Angelbird	Atomos 4KRAW	Master Caddy II	500GB		●	●	●	●
Angelbird	Atomos 4KRAW	Master Caddy II	1TB		●	●	●	●
Angelbird	Atomos 4KRAW	Master Caddy II	2TB		●	●	●	●
Angelbird	Atomos 4KRAW ECO	Master Caddy II	250GB		●	●	●	●
Angelbird	Atomos 4KRAW ECO	Master Caddy II	500GB		●	●	●	●
Angelbird	Atomos 4KRAW ECO	Master Caddy II	1TB		●	●	●	●
Angelbird	AtomX SSDmini*	SSDmini	500GB	Yes	●	●	●	●
Angelbird	AtomX SSDmini*	SSDmini	1TB	Yes	●	●	●	●
Angelbird	AtomX SSDmini*	SSDmini	2TB	Yes	●	●	●	●
Angelbird	AV PRO XT	Master Caddy II compatible	500GB		●	●	●	●
Angelbird	AV PRO XT	Master Caddy II compatible	2TB		●	●	●	●
G-Technology	Atomos Master Caddy 4K°	Master Caddy II	1TB	Yes	●	●	●	●
G-Technology	Atomos Master Caddy 4K°	Master Caddy II	2TB	Yes	●	●	●	●
G-Technology	Atomos Master Caddy 4K°	Master Caddy II	512GB	Yes	●	●	●	●
G-Technology	Atomos Master Caddy 4K°	Master Caddy II	256GB	Yes	●	●	●	●
HP	SSD S700	Master Caddy II compatible	512GB		●	●	●	●
HP	SSD S700	Master Caddy II compatible	500GB		●	●	●	●
Kingston	DC500M	Master Caddy II compatible	3,84 TB		●	●	●	●
Kingston	DC500M	Master Caddy II compatible	1,92 TB		●	●	●	●
Kingston	DC500M	Master Caddy II compatible	960GB		●	●	●	●
Kingston	DC500M	Master Caddy II compatible	480GB		●	●	●	●
OWC	Mercury ELECTRA Pro 6G	Master Caddy II compatible	2TB		●	●	●	●

OWC	Mercury EXTREME Pro 6G	Master Caddy II compatible	2TB		•	•	•	•
OWC	Mercury EXTREME Pro 6G	Master Caddy II compatible	960GB		•	•	•	•
OWC	Mercury EXTREME Pro 6G	Master Caddy II compatible	480GB		•	•	•	•
OWC	Mercury EXTREME Pro 6G	Master Caddy II compatible	240GB		•	•	•	•
Samsung	850 PRO	Master Caddy II compatible	512GB		•	•	•	•
Sandisk	Extreme Pro	Master Caddy II compatible	240GB		•	•	•	•
Sandisk	Ultra 3D	Master Caddy II compatible	500GB		•	•	•	•
Sony	AtomX SSDmini [^]	SSDmini	500GB	Yes	•	•	•	•
Sony	AtomX SSDmini [^]	SSDmini	1TB	Yes	•	•	•	•
Sony	AtomX SSDmini [^]	SSDmini	2TB	Yes	•	•	•	•
Western Digital	WD BLUE PC SSD	Master Caddy II compatible	1TB		•	•	•	•
Western Digital	WD BLUE PC SSD	Master Caddy II compatible	500GB		•	•	•	•

• Tested and approved • Failed/untested

* Please follow the guide from Angelbird to perform secure erase on drive before each use. For use with Sumo19/19M and Shogun Studio the SSDmini Adaptor handle is required.

° Not compatible with the Blade series & Ninja 2. For the Ninja V consider using the AtomX Ninja V cage as it provides a drive lock for 2.5.

^ For use with Sumo19/19M and Shogun Studio the SSDmini Adaptor handle is required.

Atomos compatibility with HDD & SSD

All SSD/HDD drives mentioned in the above table are standard 2.5" size. Please be careful when purchasing media since drive manufacturers will have the same model number for different drive sizes and configurations. Spinning drives (HDD) will generally stand light/medium occasional bumps without any problems, all Atomos recorders have an anti-shock buffer. However, spinning drives are not recommended for use in high vibration or moving environments.

Please follow our best practice guide for drives:

Use a new drive, or one that has very little usage

Always format your drive in the Atomos product

- Do not use old drives
- Do not use drives that have been dropped
- On all drives, when handling, keep fingers away from the SATA connector at all times, as static electricity can damage the electronics inside.

Note These results are from internal testing at Atomos. They are offered without guarantee since drive manufacturers can change firmware without notice (Atomos works hard to resolve compatibility issues with the drive manufacturers). Recording times are based on internal testing.

More testing is being done with SSDs and HDDs, and any updates will be posted here on a regular basis. If you have any suggestions for any particular HDD or SSD, please let us know via support@atomos.com and we will do our best to test them.