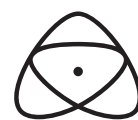
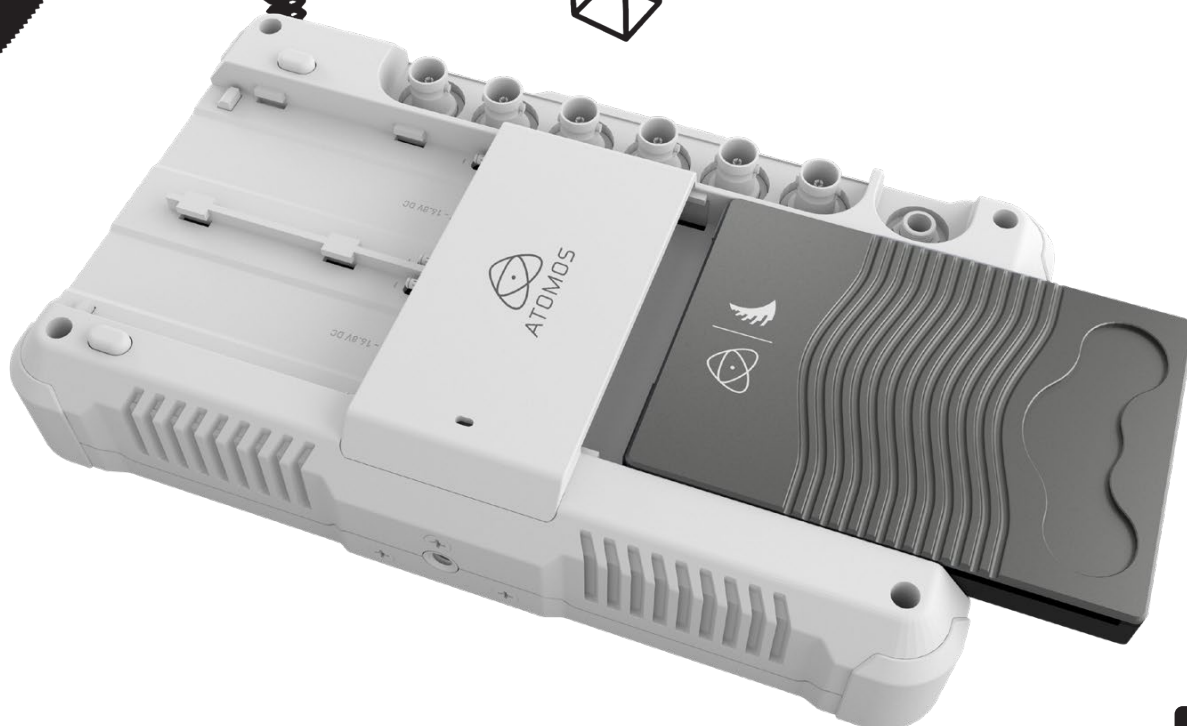


ATOM X 4K RAW
BY ANGELBIRD



C R E

A T E



ANGELBIRD.COM



DEVELOPED FOR
ATOMOS 4K WORKFLOW



AS AN AUDIO/VIDEO PROFESSIONAL, YOU KNOW THAT WHEN THE ACTION STARTS, THERE’S NO TIME FOR SECOND-GUESSING – YOU AND YOUR GEAR MUST BE READY TO GO, AND YOU EITHER ACT WITH CONFIDENCE OR RISK LOSING THE SHOT. FEATURES ROBUST 7MM CASING AND HIGH COMPATIBILITY WITH YOUR CAMERAS, RECORDERS, AND PLAYERS.

SPECIFICATIONS AND FEATURES



Developed for ATOMOS
SUMO | SHOGUN | SHOGUN INFERNO |
SHOGUN FLAME | SHOGUN STUDIO |
NINJA FLAME | NINJA ASSASSIN



Shock & Temperature Proof
Efficiently dissipates heat during operation
and protects data in the event of sudden failure
or shock.



Speed	READ	WRITE
SUSTAINED	540MB/s	500MB/s
SEQUENTIAL	560MB/s	530MB/s



X-Ray & Magnetic Proof



**500 GB | 1 TB | 2 TB |
4 TB**



ESD & Overload Protection
Protection from on-the-job electrostatic discharge.



up to **4K60P | HD240**
up to **4K30P | CDNG**



**Adaptive Thermal
Protection**



Stable Stream™
Stable, sustained performance that ensures
high-def quality and smooth video recording in
RAW or compressed formats.



**CNC-Worked
Aluminium Heatsink**



Host Power Loss Protection
Filters and monitors host power ensuring a stable
power supply to the drive. In the event of power
loss, the FTL is written and the drive securely
shuts down.



Rock-Solid Build



Power Smoothing



Data Recovery
Angelbird’s professional technicians will
evaluate any physical damage or file corruption
and safely attempt an in-office, secure data-
recovery

MATCH PACK™



SPECIFICATIONS / ORDERING

A t o m X 4 K R A W

GENERAL SPECIFICATIONS

Capacity
500 GB | 1 TB | 2 TB | 4 TB

Dimensions
104 × 75.5 × 11.7 mm
(4.09 × 2.97 × 0.46 in)

Form Factor
ATOMOS MASTERCADDY 4K RAW
Compatible with*

Weight
~ 140.0 g | ~4.9 oz

TECHNICAL SPECIFICATIONS

Interface
SATA 6 Gb/s, 3 Gb/s and 1.5 Gb/s
supported
SATA 3.0 compliant

Over provisioning
~ 9 %

Features
Temperature sensor, overload pro-
tection, TRIM, ECC, EMS protection,
built-in cache, SMART, NCQ, adaptive
thermal protection

PERFORMANCE SPECIFICATIONS

Sustained Read Speed¹
up to 540 MB/s

Sustained Write Speed¹
up to 500 MB/s

Sequential Read Speed¹
up to 560 MB/s

Sequential Write Speed¹
up to 530 MB/s

Access Time (R/W)
~ 65 µs / 40 µs

RELIABILITY SPECIFICATIONS

MTBF
> 2,400,000 hours

Data Reliability
Built-in EDC | ECC function

Data Retention
10 years at 25 °C

Endurance for video recording use
500 GB: up to 1,500 TBW
1 TB: up to 3,000 TBW
2 TB: up to 6,000 TBW
4 TB: up to 12,000 TBW

Certifications
RoHS, FCC and CE compliant,
REACH

ELECTRICAL SPECIFICATIONS

DC input voltage
5V ± 10 %

Power usage (idle | max)
500 GB: 1.35 W | 4.7 W
1 TB: 1.35 W | 5.4 W
2 TB: 1.80 W | 5.4 W
4 TB: 1.80 W | 5.4 W

ENVIRONMENTAL SPECIFICATIONS

Shock resistance (operating)
1000 G/0.5ms

Vibration resistance (operating)
2.17 GRMS

Operating Temperature
-20 °C | 105 °C

Storage Temperature
-40 °C | 85 °C

Operating Humidity
5 % to 95 % non-condensing

*COMPATIBLE WITH³

SUMO
SHOGUN
SHOGUN INFERNO
SHOGUN FLAME
SHOGUN STUDIO
NINJA FLAME
NINJA ASSASSIN

WARRANTY²

3-year limited warranty
or TBW threshold exceeded

PACKAGE CONTENT

- AtomX 4K RAW
- Activation code for the full limited
warranty

RETAIL PACKAGING DETAILS

Box Dimension
113.0 × 105.0 × 20.0 mm
(4.45 × 4.13 × 0.79 in)

Weight
~ 220.0 g | ~7.7 oz

¹ Measured with ATTO Benchmark Tool 3.05


² To receive the full limited warranty, the product needs to
be registered on the Angelbird Personal Service Portal
within 30 days after purchase. If not registered within this
period, the market-specific legal guarantee period comes
into force.

³ For an up-to-date compatibility list, please visit the product
site at www.angelbird.com

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USB Type-C™ and USB-C™ are trademarks of USB Implementers
Forum.

Other product names used herein are for identification purposes
only and may be trademarks of their respective owners. Angelbird
disclaims any and all rights in those marks.

ORDERING INFORMATION

	Capacity	SKU	EAN	UPC
●	500 GB	4KRAWATOM500	9120056583102	812937021924
●	1 TB	4KRAWATOM1000	9120056583096	812937021917
●	2 TB	4KRAWATOM2000	9120056583089	812937021900
●	4 TB	4KRAWATOM4000	9120056583706	812937022525

MATCH PACK™

