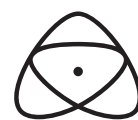
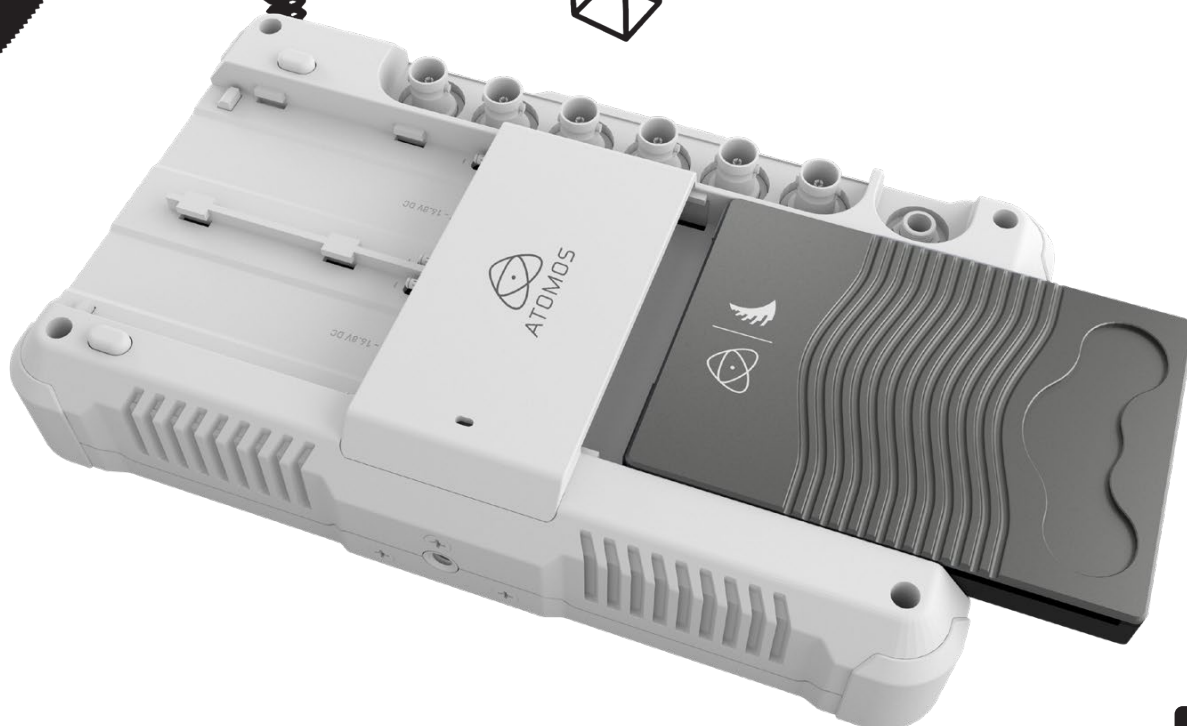


ATOM X 4K RAW
BY ANGELBIRD



C R E

A T E



ANGELBIRD.COM



DEVELOPED FOR
ATOMOS 4K WORKFLOW



AtomX 4K RAW

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 are subject to change without notice.
Specifications are provided "as is" without warranty of any kind.

202001091324

SPECIFICATIONS / ORDERING

AtomX 4K RAW

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 protection, 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.

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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™

