



Clifton Cameras Product Specification

Angelbird AtomX SSDmini 2 TB/ 1TB/ 500GB Full Spec

General

Capacity 500 GB | 1 TB | 2 TB

Form Factor SSDmini

Unit Dimensions 80.0 x 75.5 x 9.3 mm
(3.15 x 2.97 x 0.37 in)

Unit Weight ~ 90.0 g | ~ 3.2 oz

Performance¹

Max. Read Speed 560 MB/s

Max. Write Speed 540 MB/s

Sustained Read Speed 520 MB/s

Sustained Write Speed 500 MB/s

Technical

Interface SATA 3.1, 6 Gb/s | Backwards Compatible

Over provisioning ~ 9 %

Features Temperature sensor, overload protection, TRIM, ECC, EMS protection, built-in cache, SMART, NCQ

Reliability

Data Reliability Built-In EDC | ECC Function

Data Retention 10 Years at 25 °C

Electrical

DC Input Voltage 5 V ± 10 %

Power usage (idle | max)

500 GB: 0.35 W / 3.0 W

1 TB: 0.35 W / 3.5 W

2 TB: 0.35 W / 3.5 W

Environmental



Shock resistance (non-operating)1500 G

Vibration resistance (non-operating)20 G

Operating Temperature-20 °C | 70 °C

Storage Temperature-40 °C | 85 °C

Operating Humidity5 % to 95 % Non-Condensing

Certifications

RoHS, CE, FCC, REACH

Warranty²

3-Year Limited Warranty

Package Content

• AtomX SSDmini

¹ ... Speeds based on internal testing. Actual transfer rates and capacity may vary depending on system hardware and other factors. 4K, 6K, 8K, 12K and Full HD support may vary depending on host device, file attributes, and other factors.

² ... Visit the [Warranty Information Page](#) and activate your 3-year warranty within 30 days of purchase. If not activated within this period, the market-specific legal guarantee period comes into force.