



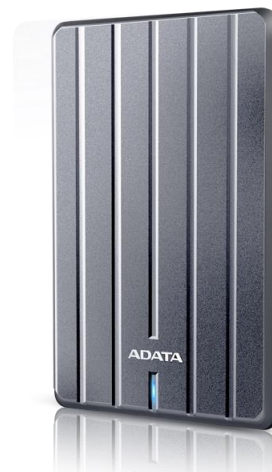
ADATA Industrial & Embedded Solutions

External Solid State Drive

Just 9.6mm thick, ADATA's IESU317 External Solid State Drive is at the apex of light and stylish external storages, which includes industrial-grade 2.5-inch SATA SSD, which uses MLC NAND Flash for longer data retention compared to TLC SSDs. The IESU317 not only provides large capacity of 1TB, also high read/write speed up to 435/400MB per second, enabling you to store and share files, or any data without worrying about running out of space. In addition, it features high P/E cycle up to 3K for improved endurance and longer lifespan. We create the IESU317 to look great and be durable, so it uses a scratch and damage-resistant sandblasted metallic surface. It is electroplated to ensure it maintains its looks for a long product lifespan: surface paint won't chip off or dull, and the grooved texture will remind you of the IESU317's fusion of fashion and utility for years to come.

Key Features

- Ultra-slim design at just 9.6mm
- Durable metallic enclosure
- P/E cycle up to 3K
- R/W speed up to 435/400MB per second
- High capacity up to 1TB
- AES 256-bit encryption



Target Applications

Animation/Movie Production, Industrial Camera, Professional Design Studio, Data Encryption, Data Backup & Storage

30u Golden Finger	Anti-Sulfur Resistor	Conformal Coating	Wide Temperature	Lifetime Monitoring (LTM)	Secure Erase	Temperature Sensor	Power Fail Protection & Recovery	Wear Leveling	TRIM Command	Low Power Consumption
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● Supported

Specifications

Model	IESU317
Interface	USB 3.2 Gen 1
Capacity	1TB
Dimensions (L x W x H)	120 x 76 x 9.6mm
Weight	190g
Flash Type	MLC
Sequential Read (Max.)	435MB/s
Sequential Write (Max.)	400MB/s
Operating Temperature	5°C to 50°C
Operating Voltage	5V
Operating Humidity	10%-90% RH non-condensing
Power Consumption (Max.)	4.5W
MTBF (Est)	>2,000,000 hours
Shock Resistance	1500G/0.5ms, Half Sine Wave
Vibration Resistance	20G (10-2000Hz)
Technologies	AES 256-bit Encryption, Shock Sensor

Ordering Information

Capacity	Part Number
1TB	AIESU317-1TU32G1-CGY



Dimensions

