SYMPLYSPARK

PROFESSIONAL THUNDERBOLT 3 STORAGE

AFFORDABLE, FAST, RELIABLE AND PORTABLE RAID STORAGE

If you have been looking for a professional quality personal storage solution designed to deliver outstanding performance and reliability media applications, you just found it! And with Symply you get personalized support when you need it from knowledgeable media and entertainment professionals.

The new SymplySPARK was designed to ignite your creativity by delivering consistently high throughput and low latency with plug and play convenience so you can do what you do best and not worry about managing your storage. The SymplySPARK is ideal for media workflows in Post,on-set, delivery, VFX, graphics, and in-house creatives. As a key component of the SymplyFIRST family of products, it integrates seamlessly with the SymplyNEBULA Cloud service, SymplyPRO LTO products and SymplyADDR thunderbolt expansion. Either on its own or part of Symply enhanced workflow the SymplySPARK stands out.

When designing the product, we tapped some of the top development and manufacturers around and worked with media industry professionals to add the features and capabilities media pros require. From simple things such as making the system more compact and lighter than other systems on the market using high quality steel, alloys and composites and adding a carry handle, to optimizing it for the new generation of Multi-Actuator hard disk drives that deliver SSD-like performance at a fraction of SSD prices, and shipping in a wheeled hard case. All around the SymplySPARK was made with content creators in mind.

We also know how important deadlines are – time is money, and nothing is worse than missing a deadline due to equipment failure. Beyond hard drive hot swap-ability, the SPARK allows fast replacement of fans and power supplies, the most common field failures. No need to send the system back with your valuable content on it or wait for an exchange system to arrive. The optional SymplySAM (self-assisted maintenance kit) comes packed in its own transport case with full instructions that have you back up and running in minutes. And if you ever need it, professional Symply support is just an email or phone call away.

FEATURES & BENEFITS

⦿ Lightweight portable and rugged design that comes with it's own high-quality wheeled transport case

⦿ Whisper quiet operation ideal for desktop use (<45dB)

⦿ Eight hot-swap drive bays with popular capacities from 48 TB to 144 TB

⦿ Multi-Actuator hard drive configuration with 112TB capacity and extreme performance

⦿ Only enterprise-class hard drives used in every SymplySPARK to deliver consistent, reliable performance

⦿ Dual Thunderbolt 3 ports with 60 watt device charging

⦿ Advanced field serviceable design for maximum uptime to meet every deadline

⦿ Fast, reliable RAID 5/6 protection

⦿ Kensington T-Bar™ lock

⦿ 5-Year Warranty with free lifetime support by trained media professionals

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*SymplyATOM is currently a macOS only application

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Specifications

Form Factor	8-Bay desktop with integrated carry handle and Kensington® lock
Dimensions (L x W x H)	24.0 x 15.0 x 31.8 cm (9.4 x 5.9 x 12.5 in)
Weight	6.0 kg (13.2 lbs) without drives
Host Interface	2x Thunderbolt 3 (60W Upstream Charging/15W Downstream Power)
Power Supply	Internal 400W 110V~240V Auto-Switching (field serviceable)
Cooling	Quiet (<45dB) front to back airflow with two 12x12 smart controlled fans (field serviceable)
Capacity Configurations	48TB, 80TB, 112TB, 144TB and 112TB XT (XT uses Multi-Actuator HDDs)
RAID Level Support	0, 1, 5, 6, 10, JBOD (Multiple RAID sets supported)
Field swappable HDD, FAN and Power Supply	Yes - optional SymplySAM (self assist maintenance) kits available
Mechanical Shock Test in supplied protective case	250G / 2ms
Drive Pin Locator	Yes - reduces risk of damage during transport
Studio Mode	LED blackout enable zero impact with ambient working conditions
Operating System Support	macOS and Windows

Performance (Tested on a MacBook Pro 13-inch 2019 1.4GHz Quad-Core i5, because at Symply we know not everyone has the latest and greatest hardware).

Test - SymplySPARK	Read	Write		Test - SymplySPARK XT	Read	Write
AJA (4096 x 2160 RGB 10-bit)	1618 MB/sec	1639 MB/sec		AJA (4096 x 2160 RGB 10-bit)	2336 MB/sec	1896 MB/sec
Blackmagic (4096 x 2160 RGB 10-bit)	1711 MB/sec	1625 MB/sec		Blackmagic (4096 x 2160 RGB 10-bit)	2240 MB/sec	1751 MB/sec

Environmental

	Temperature	Humidity
Operating	0˚C to 40˚C (32˚F to 104˚F)	5% to 85% (non-condensing)
Non-Operating	-20˚C to 70˚C (-4˚F to 158˚F)	5% to 95%

Ordering Information

Model	Part Number	Included Accessories
SymplySPARK 48 TB	SYSPK-DX88HDT3048	(1) 2m Active TB3 Cable, Impact-Resistant Case on Wheels
SymplySAM for SymplySPARK 48 TB	SYSAM-DX88HDT3048	(1) 6 TB HDD Module (1) 12x12 Fan (1) 400W Power Supply
SymplySPARK 80 TB	SYSPK-DX88HDT3080	(1) 2m Active TB3 Cable, Impact-Resistant Case on Wheels
SymplySAM for SymplySPARK 80 TB	SYSAM-DX88HDT3080	(1) 10 TB HDD Module (1) 12x12 Fan (1) 400W Power Supply
SymplySPARK 112 TB	SYSPK-DX88HDT3112	(1) 2m Active TB3 Cable, Impact-Resistant Case on Wheels
SymplySAM for SymplySPARK 112 TB	SYSAM-DX88HDT3112	(1) 14 TB HDD Module (1) 12x12 Fan (1) 400W Power Supply
SymplySPARK 144 TB	SYSPK-DX88HDT3144	(1) 2m Active TB3 Cable, Impact-Resistant Case on Wheels
SymplySAM for SymplySPARK 144 TB	SYSAM-DX88HDT3144	(1) 18 TB HDD Module (1) 12x12 Fan (1) 400W Power Supply
SymplySPARK XT 112 TB	SYSPK-DX88MAT3112	(1) 2m Active TB3 Cable, Impact-Resistant Case on Wheels
SymplySAM for SymplySPARK XT 112 TB	SYSAM-DX88MAT3112	(1) 14 TB XT HDD Module (1) 12x12 Fan (1) 400W Power Supply

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