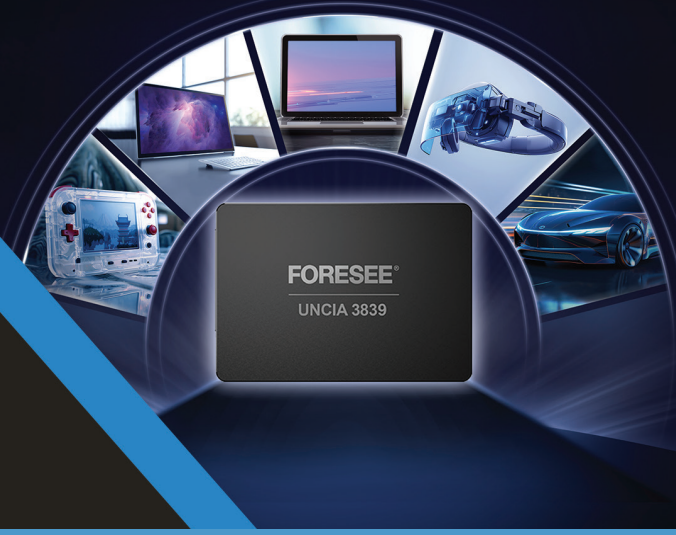


UNCIA 3839 SATA3 2.5-inch SSD

Product Brief



Capacities

**480GB, 960GB,
1.92TB, 3.84TB, 7.68TB**

Advanced Features

- Enhanced power loss protection (PLP)
- End-to-end data protection
- Sanitizing
- Secure boot
- Static and dynamic wear leveling
- Speed Trim
- S.M.A.R.T.
- RAID protection
- Adaptive thermal throttling

Applications



Servers



Distributed storage



Cloud computing



Edge computing



Workstations

Dependable By Design

Available in capacities ranging from 480GB to 7.68TB, and offering sequential read speeds up to 560MB/s, the UNCIA 3839 series provides any enterprise customer with TLC-based SSD solutions that deliver exceptional quality of service (QoS) and IO consistency. The UNCIA 3839 series is designed to meet the needs of a full range of enterprise applications, and offers 2 million mean time before failure (MTBF) hours to provide reliable storage for years to come.

Key Benefits

The Right Capacities

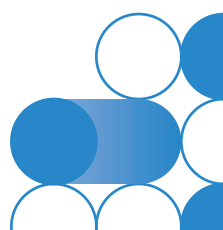
Available in 480GB, 960GB, 1.92TB, 3.84TB, and 7.68TB the UNCIA 3839 SSDs offer a variety of capacity points to meet a wide range of applications including servers, cloud computing, edge computing, and more.

Outstanding Performance

UNCIA 3839 SSDs were built with a SATA 3.2 interface for the performance to deliver exceptional QoS and IO consistency. Combined with 560MB/s sequential read speeds and 95K random readIOPS, the UNCIA 3839 provides a high-performance solution to fit the needs of a wide range of enterprise-grade data applications.

Reliable Data Storage

UNCIA 3839 SSDs place a priority on data protection for a variety of demanding applications. Uses include power loss protection (PLP), RAID, security features, and high endurance with 1 to 3 drive writes per day (DWPD) for five years.



Specifications

Product Series	Part Number	Capacity	NAND Flash	Protocol	Package	Operating Temperature	DWPD	Operating Voltage	Size
UNCIA 3839 SATA SSD	RSYE3839B-480G	480GB	eTLC	SATA3	2.5"	0°C to 70°C	1	Active:<=4W	100mm x 70mm x 7mm
								Idle:<=1.5W	
UNCIA 3839 SATA SSD	RSYE3839B-960G	960GB	eTLC	SATA3	2.5"	0°C to 70°C	1	Active:<=4W	100mm x 70mm x 7mm
								Idle:<=1.5W	
UNCIA 3839 SATA SSD	RSYE3839B-1920G	1.92TB	eTLC	SATA3	2.5"	0°C to 70°C	1	Active:<=4W	100mm x 70mm x 7mm
								Idle:<=1.5W	
UNCIA 3839 SATA SSD	RSYE3839B-3840G	3.84TB	eTLC	SATA3	2.5"	0°C to 70°C	1	Active:<=4W	100mm x 70mm x 7mm
								Idle:<=1.5W	
UNCIA 3839 SATA SSD	RSYE3839M-480G	480GB	eTLC	SATA3	2.5"	0°C to 70°C	3	Active:<=4W	100mm x 70mm x 7mm
								Idle:<=1.5W	
UNCIA 3839 SATA SSD	RSYE3839M-960G	960GB	eTLC	SATA3	2.5"	0°C to 70°C	3	Active:<=4W	100mm x 70mm x 7mm
								Idle:<=1.5W	
UNCIA 3839 SATA SSD	RSYE3839M-1920G	1.92TB	eTLC	SATA3	2.5"	0°C to 70°C	3	Active:<=4W	100mm x 70mm x 7mm
								Idle:<=1.5W	

*Data based on internal testing. Actual performance may vary due to equipment differences.

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