

Moving at the Speed of You



Zeta 2.5" Series Solid-State Drives SATA 6 Gb/s

STOP WAITING FOR APPLICATION LOAD TIMES. DO MORE BY RUNNING YOUR SYSTEM LONGER, FASTER AND MORE EFFICIENTLY.

FEATURES

- Mainstream Drive
- Best Price for Performance Value
- Reliability
- Customized firmware
- Available in 128/ 256/ 512 GB capacities
- Full 3-year warranty

APPLICATION WORKLOADS

- Everyday Usage
- Gaming
- Multi-media and Visual effects editing

FAST CONSISTENT PERFORMANCE

Lite-On's Zeta 2.5" Series Economy Solid-State Drive with the SATA interface boosts your device's performance by accelerating application responsiveness, increasing productivity, and improving power efficiency. This simple upgrade delivers superior speed at 4KB random read performance of up to 83,500 IOPS and 4KB write performance of up to 80,000 IOPS. With quick response times, a Lite-On SSD will keep pace with your busy lifestyle.

Say good-bye to system boot-up or program wait times. Access your stored movies, games, photos and music with ease and speed. The Lite-On Zeta 2.5" Series SSDs are built to expedite your life's data efficiently and securely no matter what the file type.

Operating more efficiently than traditional HDDs, the Zeta 2.5" consumes less power, which extends your system's battery life.

THE FIRMWARE ADVANTAGE

Our dedicated engineers work closely with high-grade chip manufacturers to develop solutions particular to your needs. Lite-On SSDs are already an industry-leading product, and with Lite-On's customized proprietary firmware, your Lite-On SSD will provide superior performance at consistent speeds for years to come.

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Performance			
Model Name	LCH-128V2S	LCH-256V2S	LCH-512V2S
Capacity	128 GB	256 GB	512 GB
Buffer	128MB DDR3	256MB DDR3	512MB DDR3
Read/Write Speed (Under Windows NTFS)			
Sequential Read Speed (SATA 6.0 Gb/s) ¹	Up to 520 MB/s	Up to 520 MB/s	Up to 520 MB/s
Sequential Write Speed (SATA 6.0 Gb/s) ¹	Up to 150 MB/s	Up to 290 MB/s	Up to 430 MB/s
Random Read Speed (IOPS 4KB) ¹	Up to 67,500	Up to 82,500	Up to 83,500
Random Write Speed (IOPS 4KB) ¹	Up to 37,500	Up to 72,500	Up to 80,000
Environment and Reliability			
DC Current	5V		
Temperature	0°C ~ 70°C (Operating)		
Shock	1500G (Max), at 1 msec half-sine		
Vibration	7 ~ 800Hz, 1.63Grms (Operation)		
MTBF	>1,500,000 hours		
Warranty	3-year warranty		
Compatibility			
Operating System Supported	Microsoft Windows OS / Linux OS / Mac OS		
Agency Approval	UL/CE/BSMI/WHQL/RoHS/VCCI/KCC/FCC/RCM		
Command Set Support	TRIM, S.M.A.R.T., NCQ, ATA/ATAPI-8		
DATA Encryption	Supports AES 256		
Interface	SATA 6.0 Gb/s, compatible with SATA 3/1.5Gb/s		
Firmware Upgrade	Supported		
Form Factor and Connections			
Form Factor	2.5 inch form factor		
Power Connector	15-pin SATA connector for DC 5V input		
Data Connector	7-pin SATA Connector		
Dimensions and Weight			
Dimension (L/W/H)	100.0 x 69.85 x 6.8 mm / 39.4 x 2.75 x 0.27 in		
Weight	56 g (Max.)		
Package Contents			
Drive	128GB / 256GB / 512GB SSD		
Documents	Quick installation guide		

Specifications subject to change without notice.

1. Based on internal testing, performance may vary depending on host device, OS, and application.

For more information, please visit
liteonssd.com

LITEON
Simplify your Storage Solutions

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Lite-On Storage is a Strategic Business Group of Lite-On Technology Corporation.

Lite-On Storage is a global leader in the design, development, and manufacturing of Solid State Drives (SSDs) and Optical Disc Drives (ODDs). Lite-On SSDs are designed and developed 100% in-house by Lite-On at their state-of-the-art facilities in Taiwan.

By leveraging partnerships with industry-leading components manufacturers, Lite-On Storage is able to offer customized solutions and superior firmware to a wide range of industries. Lite-On Storage SBG offers an extensive line of SSDs and embedded flash products for PC Client, Industrial Solutions, Automotive, Enterprise, and Cloud Computing, accommodating a variety of interfaces and form factors.

Specifications and data are subject to change without notice.