

Moving at the Speed of You



MU 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 120/ 240 GB capacities
- Full 3 year warranty

APPLICATION WORKLOADS

- Everyday Usage
- Multi-media and Visual effects editing

FAST CONSISTENT PERFORMANCE

Lite-On's MU 2.5" Series Economy Solid-State Drive with a SATA interface boosts your device's performance by accelerating application responsiveness, increasing productivity, and improving power efficiency. This simple upgrade delivers consistent speed at 4KB random read performance of up to 130 MB/s and 4KB write performance of up to 210 MB/s. 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 MU 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 MU 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	PH2-CJ120	PH2-CJ240
Capacity	120 GB	240 GB
Buffer	32MB SDR	512MB DDR3
Read/Write Speed (Under Windows NTFS)		
Sequential Read Speed (SATA 6.0 Gb/s) ²	Up to 420 MB/s ¹	Up to 540 MB/s ¹
Sequential Write Speed (SATA 6.0 Gb/s) ²	Up to 120 MB/s ¹	Up to 310 MB/s ¹
Random Read Speed (IOPS 4KB) ³	Up to 110 MB/s ¹	Up to 130 MB/s ¹
Random Write Speed (IOPS 4KB) ³	Up to 110 MB/s ¹	Up to 210 MB/s ¹
Environment and Reliability		
DC Current	5V / 2.0A	
Temperature	0°C ~ 70°C / 32°F ~ 158°F (Operating)	
Shock	500G (Max), at 2ms half-sine	
Vibration	80 ~ 2000Hz, 20Grms (Operation)	
MTBF	1,000,000 hours	
Warranty	3 year warranty	
Compatibility		
Operating System Supported	Microsoft Windows OS / Linux OS / Mac OS	
Agency Approval	UL, CE, BSMI, VCCI, KCC, FCC, RCM, TUV, EAC, CB, WHQL, ROHS	
Command Set Support	TRIM, S.M.A.R.T., NCQ, ATA/ATAPI-8	
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 x 69.85 x 7mm / 39.4 x 2.75 x 0.27 inch	
Weight	55 g (Max.)	
Package Contents		
Drive	120 GB / 240 GB SSD	
Document	Quick installation guide	

Specifications subject to change without notice.

1. Test Platform: Motherboard: ASUS P8Z77-PRO, CPU: Intel i5-3470 3.20Ghz, BIOS: ver.1708, AHCI driver: 13.2.0.1014, OS: Windows 7 x64.
(Actual performance may vary based on hardware, software, and overall system configuration)
2. Performance measured using CrystalDiskMark
3. Performance measured using CrystalDiskMark QD32

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.