

## Sierra M6-2 supports 6G SAS at reduced cost!



### Key Features

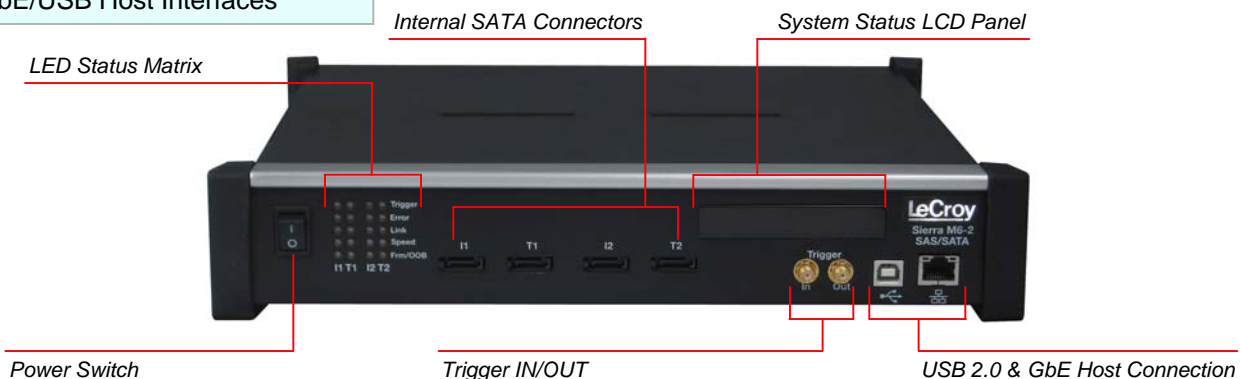
- SAS & SATA at 6G Data Rates
- Fully Integrated, Multifunctional (Analyzer, Traffic Generator, Emulator, Error Injector, Compliance Test)
- Fast Lock Time
- Intelligent Triggering
- Hardware Filtering
- Raw Bit Recording
- Error Detection
- Transparent Post Processing
- Memory Segmentation
- SAS & SATA Decoding
- Logical & Chronological Displays
- Statistical Reporting
- Expansion Port (on back panel)
- Cascading
- SATA Compliance
- SAS Verification
- 2, 4 or 8 GB Trace Memory
- GbE/USB Host Interfaces

The LeCroy Sierra M6-2 System provides an economical alternative to the industry-leading Sierra M6-4 for customers that require only 1 or 2 SAS/SATA ports.

While providing all the analysis, traffic generation, emulation, error injection and compliance test capability of its larger brother, the Sierra M6-2 hardware platform delivers this in a much more compact package and with significant cost savings.

The original Sierra M6-4 system was the first complete protocol test system to support a full range of protocol test features at data rates up to 6G. As 6G SAS and SATA development projects proliferate, there is an increasing need for a lower cost alternative for projects that only require 1 or 2 port analysis capability. The Sierra M6-2 is designed to address that need, without compromising on the full suite of analysis features offered in the Sierra M6-4.

The ability to configure the features of the system exactly to your needs further reduces the overall system cost, as specific features can be selected or excluded as customer requirements dictate and budget constraints allow. Tailoring the system to your needs reduces your initial investment and then protects that investment as your requirements change, allowing easy and economical upgrades to new features as product development requirements change.



## Specifications

Host Requirements	Windows® XP, Windows Vista or Windows 7; USB or Ethernet port
Recording Memory Size	2 GB, 4 GB or 8 GB
Data Rates Supported	6 Gb/s, 3 Gb/s and 1.5 Gb/s
Number of Ports Supported	Up to 2 ports
Cascadable	Up to 16 ports
Data Bus Interface	Internal-style SATA connectors
Host Bus Interface	USB 2.0, 10/100/1000baseT Ethernet
Front Panel Connectors	SATA-style Initiator (up to two ports), SATA-style Target (up to two ports), External Trigger IN/OUT, USB 2.0 and 10/100/1000baseT Ethernet
Front Panel Indicators	5 LEDs (Trigger, Error, Link, Speed, Frame/OOB) for each of two hosts and two targets, Status LCD Panel
Front Panel Controls	Power ON/OFF
Rear Panel Connectors	AC Power, Expansion Port (available options include Expansion IN/OUT with Clock IN/OUT; and Switched DC Power for HDD under test)
Dimensions	32.4 x 30.8 x 6.2 cm (12.75" x 12.1" x 2.5")
Weight	2.45 Kg (5.4 lbs)
Power Requirements	90-254 VAC, 47-63 Hz universal input, 100W maximum

## Ordering Information

Product Description	Product Code	Product Description	Product Code
<b>Sierra Hardware Platforms</b>		<b>SAS/SATA Emulator Software</b>	
Sierra M6-2 SAS/SATA Platform 2 GB Memory	SAS-M006-002-X	6G Initiator Emulator Software—2 ports	SAS-ZI06-002-A
Sierra M6-2 SAS/SATA Platform 4 GB Memory	SAS-M006-402-X	6G Initiator Emulator Software—1 port	SAS-ZI06-001-A
Sierra M6-2 SAS/SATA Platform 8 GB Memory	SAS-M006-802-X	6G Target Emulator Software—2 ports	SAS-ZT06-002-A
		6G Target Emulator Software—1 port	SAS-ZT06-001-A
		6G Emulator Bundle (Initiator & Target)—2 ports	SAS-ZB06-002-A
		6G Emulator Bundle (Initiator & Target)—1 port	SAS-ZB06-001-A
<b>SAS/SATA Analyzer Software</b>		<b>SAS/SATA Error Injector Software</b>	
6G Protocol Analysis Software – 2 ports	SAS-T006-002-A	6G InFusion Software – 2 ports	SAS-J006-002-A
6G Protocol Analysis Software – 1 port	SAS-T006-001-A	6G InFusion Software – 1 port	SAS-J006-001-A
<b>SAS/SATA Generator Software</b>			
6G Generator Software – 2 port	SAS-ZG06-002-A		
6G Generator Software – 1 port	SAS-ZG06-001-A		



1-800-5-LeCroy  
www.lecroy.com

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