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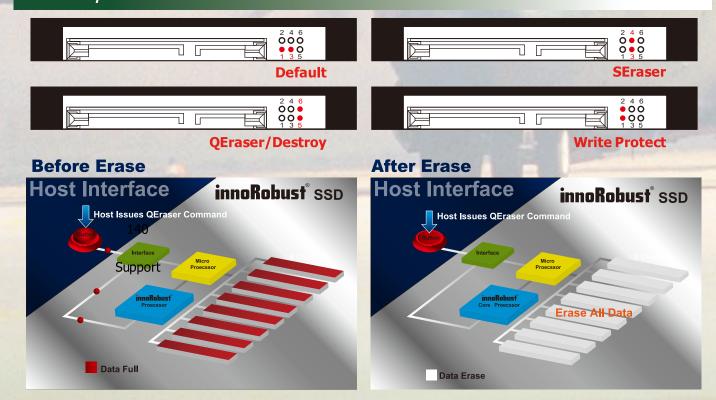


Overview

- InnoRobust brings you to experience the most advanced flash storage series. InnoRobust provides SSD with extreme reliability and outstanding performance, and also provides data security features which are targeted for military, defense and aerospace applications.
- Taking military, defense and aerospace applications in mind, InnoRobust provides specifications which can be customized based on customers' demand, including environmental condition in order to be compliant with MIL-STD-810 F/G standard and data secure erase standards as well.
- InnoDisk can ensure long term and flexible support for customers as we understand the applications are focused on military and aerospace, which are of great concern for reliability, performance and data security. InnoRobust is the right solution for military and aerospace application customers who are looking for flash storage.

Data Security Function Description Standard **Ultra SpeedQuick Erase** 3.5 times quicker erase rate. (For InnoRobust II SSD only)* Faster **QEraser** Quick Erase DoD 5220.22-M Erase, overwrite with a single character, and then erase again. **USA-AF AFSSI 5020** Erase, and overwrite with random data. USA Navy NAVSO P-5239-26 Erase, overwrite with random data, and then erase again. SEraser NSA Manual 130-2 Erase, overwrite with random data twice, and then erase and overwrite with one character. Erase and overwrite with random data, erase and overwrite with one USA-Army 380-19 character, and then erase and overwrite with complement of the character. NISPOMSUP Chap 8,Sect. 8-501 Overwrite all locations with one character, its complement, and then random data. **Destroy InnoDisk Destroy** Ultra speed erase user data/ MBR/ FAT table / Firmware

Data Security Pin Definition



^{*}E.g. InnoRobust II SATA SSD 128GB QEraser:10 sec; InnoRobust Ultra SATA SSD 128GB QEraser:35 sec.

Application



Military and Aerospace



Enterprise System



Government Business Intelligence



Embedded/Industrial

Features



Environmental Reliability

- Compliant with MIL-STD-810-F/G standard



Data Security

- Qeraser Destroy
- SEraser Write Protect



Performance

- Sustained Read/Write: 200/150 MB/sec.
- · Random 4KB performance:
- -Read:3200 (max)
- -Write:1700 (max)



Conformal Coating

· Compliant with MIL-I-46058C Silicon



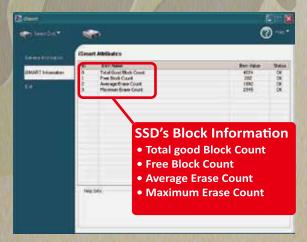
Data Protection

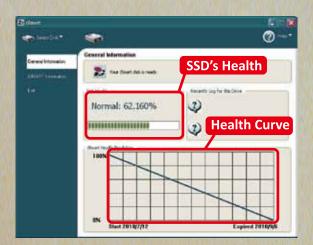
· iCell technology

Security | Reliability | Quality



SMART Function





Tip: When lifespan is under 10%, InnoDisk SMART software will inform user to replace SSD.

iCell Technology



iCell technology is equipped with several capacitors to be able to provide power after host power off. The SSD controller can write all DRAM buffer data to flash, so that is why InnoRobust II SATA SSD can ensure all data is written to disk without any data loss.





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