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Waitan Launches World's First 1.8" microSATA SSD Ejector

Waitan's patent pending 1.8" microSATA ejector which are perfectly to mount 1.8" microSATA SSD or HDD drives on compact computer motherboards for rugged laptops, embedded computers and single board computers.

SHANGHAI, China – August 5, 2015 – Waitan, Inc., a leading designer and manufacturer of military and industrial grade solid state drives, announced today its patent pending 1.8" microSATA SSD ejector product. The ejector is the first and the only available in the market of the same kind. The ejector is designed to operate over -40 ~ +85C ambient temperature with high resistance against shock and vibrations, which is ideal for military and industrial computing applications where 1.8" microSATA SSD or HDD is deployed. It has integrated standard 16 pin microSATA socket that provides robustness and reliability for standard 1.8" microSATA drives to be inserted and ejected for up to thousands of times. Also its integrated SMT type of SATA connectors provides easy-to-use mechanism that allow system manufacturers to solder the ejector on motherboard with hassle-free.



“Over the past ten years, form factors and interfaces of SSDs have been evolved rapidly. Among them, 1.8" microSATA is the smallest form factor yet still maintain metal housing from which benefits both compact size and EMC shielding.” said Carina Li, Waitan’s Product Manager. “However, since 1.8" microSATA does not have mounting hole on its metal housing not like 2.5" SATA does, many system designers have to choose other small form factors such as half slim SATA or mSATA while suffering EMC issues. Luckily Waitan is now able to supply its unique 1.8" microSATA ejector to the market so that the system designers now can enjoy the full range benefits of deploying 1.8" microSATA SSD or HDD drives as system or storage disks.”

Some of the major features of the Waitan 1.8" microSATA ejector includes,

- Dual propel pedals which provides even and smooth propelling force to eject microSATA drives
- Ejecting stopper which prevents ejector from damage due to over push of ejecting handler
- Fish-Spear-Headed fastener which provide easy installation to snap in and fasten the ejector on PCB
- Ejecting handler provides easy-to-use mechanism to eject a 1.8" microSATA drives
- Full length ejecting strip which provides balance of force applied to the microSATA socket and connector area. Hence it prevents both ejector and microSATA device from damage, and it also increases endurance of the ejector and the device.
- Ejector guiding rail which provides straight line for steel ejector to move back and forth smoothly with even force applied during motion, which further protects ejector and device from damage and to increase endurance for both.



Product Availability

Waitan's 1.8" microSATA ejector is in mass production now. For more information about the ejector, please contact info@waitanssd.com

About Waitan

Waitan® designs and manufactures rugged SSD controller ASICs and solid state drives for military, defense, aerospace and industrial applications. It was founded by a team of SSD industry veterans from Mtron and SuperTalent, both of which are recognized as the industrial pioneers and enablers of SSD controllers and solid state drives.

Located in Shanghai, China, Waitan is committed to take advantage of the most experienced engineering talents and the most developed supply chain resources in the most developed economic zone in China so that we can design for customers, make for customers and serve customers with high quality rugged solid state drives. For more information and product details about Waitan, please visit www.waitanssd.com

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