Industrial SSD

- i-Temp -40°C to +85°C
- Secure Erase option

2.5" SATA-II / PATA Flash SSD

VIGOR Series

Industrial SSD
www.macrotronusa.com

256GB

VIGOR

SATA-II 2.5" Flash Solid State Drive

FC CE

www.macrotronusa.com

MacrotronUSA's VIGOR is an industrial grade Solid State Drive. It is designed, built and tested to meet the increasing demand for an optimal storage solution in the ever-expanding world of rugged applications.

The VIGOR offers fast Read and Write speed by using the latest Flash controller technology. Further, with AES and optional Secure Erase features, the VIGOR safely guards your data from unwanted theft or misuse.

Applications

- Aerospace
- Casino Gaming
- Medical Equipment
- Mobile Computing
- Oil/Gas Exploration
- Rugged Computers

Specifications

- Interface: SATA / PATA
- Dimension: 100.2 x 69.85 x 90 (mm)
- Weight: < 80g
- Capacity: MLC 32GB - 256GB
            SLC 32GB - 64GB

Performance

- Sequential Read: up to 125MB/s
- Sequential Write: up to 110MB/s
- Shock (operating): 1500G
- Vibration (operating): 16G

Flash Management Features

- Bad block management algorithm
- Advanced wear-leveling algorithm
- Built-in hardware ECC
- Intelligent power failure recovery

Temperature Requirements

- Operating Temperature:
        Commercial Grade: 0°C to +70°C
        Industrial Grade: -40°C to +85°C

Electrical Requirements

- Operating range:
        Input voltage 5V +/- 5%
- Power consumption:
        2W (operational), 0.7W (idle)

Secure Erase (option)