

Single Board Computers for Space

Proven Reliability

- Proven in space: TRL-9
- Utilized in critical missions for more than 15 years, our single board computers have had zero failures!
- 1 in 80 year board level SEE rate (GEO)
- TID > 100krad(Si); SEL immune

Optimized Performance

- · Seamless error correction, incorrect transactions never generated
- S/W controlled Speed/Power: 200-1800 MIPS; 7-30W typical
- Up to 64GB of Error-corrected high-density NAND Flash, SDRAM and EEPROM
- cPCI; MIL-STD-1553, serial/parallel, and SpaceWire interfaces





DATA DEVICE CORPORATION

