

PDSi – Pinnacle Data Systems, Inc.

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**Pinnacle
Data
Systems,
Inc.**

XMC-SD18 SATA HDD or SSD Storage Card

PDSi's SATA XMC Storage Module (XMC-SD18) offers high-capacity SATA storage using compact 1.8" Hard Disk Drives (HDDs) or Solid State Drives (SSDs). Whether configured with an economical rotating HDD or highly shock resistant SSD, this low-profile module fits comfortably into VITA 42.3-compatible VME, CompactPCI®, AdvancedTCA®, and PCI Express processor boards with an XMC mezzanine card interface.

The onboard four-port SATA controller provides an additional drive interface through the front connector with two more drives controllable through the board's rear I/O. Critical military and aerospace applications will appreciate the high operating shock resistance (1000+ G) and high MTBF (over 1 million hours) when configuring this XMC with the latest solid state drive technology from Intel.



FEATURES

- › High-capacity 1.8" SATA storage XMC
- › Low-cost rotating HDD for normal uses
- › Rugged SSD for high shock and vibration
- › Featuring Intel advanced SSD technology
- › Three additional SATA channels (one front, two rear)
- › Windows and Linux support
- › VITA XMC-compliant interfaces for high bandwidth
- › RoHS compliant
- › Customization and third-party integration welcomed, extended availability assured