

Pioneer™ SG

Features and Benefits

Efficient, economical design Reduced acoustic noise with patented top cover design, low-cost thin film proximity recording heads, and high-bandwidth SRAM memory

Rock-solid stability Improved non-operating shock performance with stamped steel base and tied top cover

Faster data transfer AutoTransfer technology that speeds sequential transfers, new high-speed PRML read channel, and PIO Mode 4/DMA Mode 2 interface support

Enhanced performance Dynamic Cache Allocation, DisCache, WriteCache, multiple AutoRead /multiple AutoWrite firmware

Outstanding accuracy Single-burst hardware ECC on-the-fly, 224-bit Reed Solomon double-burst ECC on-the-fly, new advanced embedded servo design

Easy installation New AT connector with integrated jumper settings, configurable ATA ID fields, Plug-and-Play firmware, AT-Bus Cable Select for Fast ATA drives, system-controlled power modes Defect Free Interface® firmware and DiskWare downloadable firmware

Dependability 300,000-hour MTBF, S.M.A.R.T. Revision 2 support