

52X 32X 52X + 16X Combo Drive

Features

SOHC-5236K

- ★ ATAPI/E-IDE Half-Height 52X Write, 32X Rewrite, 52X Read, and 16X DVD-ROM Read Speed
- ★ SMART-BURN(*1) avoiding Buffer Under Run error, Automatically adjusting writing strategy & running OPC to provide the best burning quality
- ★ SMART-X(*2) function adjusts CD-DA / VCD / DVD data extraction to a fastest allowable speed according to both data request rate from host and disk quality
- ★ ABS(*3) mechanism to reduce vibration & noise while high speed rotating
- ★ Belt Tray Loading Mechanism
- ★ Support Fixed Packet, Variable Packet, TAO, SAO, DAO, Raw Mode Burning & Over-Burn
- ★ DVD read compliant: DVD single/dual layer (PTP/OTP), DVD-R(3.9GB/4.7GB), DVD-R multi-borders, DVD+R, DVD+R multi-sessions, DVD-RW, and DVD+RW
- ★ CD read compliant: CD-DA, CD-ROM, CD-ROM/XA, Photo-CD, Multi-session, Karaoke-CD, Video-CD, CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW
- ★ Support both 8cm and 12cm disc of CD and DVD family
- ★ Conforms to Orange Book Part 2 Volume 2, 3 Part 3, Volume 1, 2 and 3: High Speed & MMC3 commands
- ★ Support PIO mode 4, DMA mode 2 and Ultra DMA mode 2
- ★ Support Mt. Rainier

Specifications

- ◎ **Performance :**
 - Writing** 52X(7800KB/sec) maximum by CAV
 - Rewriting** 32X(4800KB/sec) maximum by Z-CLV in Ultra Plus Speed disc
 - Reading**
 - CD Family 52X(7800KB/sec) maximum by CAV
 - DVD Family 16X(21600KB/sec) maximum by CAV
 - Access time**
 - CD Family 120ms
 - DVD Family 140ms
- ◎ **Buffer Size :** 1.5MB(Max)
- ◎ **PC Required :** Pentium 4 1.3GHz or higher CPU and 128MB or higher RAM are required
HDD must have access time < 20 ms; with a minimum of 650MB free space
- ◎ **Compatibility :** Microsoft Windows 98SE/ME/2000/XP
- ◎ **MTBF(Life) :** 70000 Hours
- ◎ **S/N Ration :** >75dB
- ◎ **Environment :**
 - Operating 5°C to 45°C; Relative Humidity: 15% to 80%
 - Non-Operating -35°C to 60°C; Relative Humidity: 15% to 95%
- ◎ **Dimension :** 145(W) x 41.3(H) x 170(D) mm
- ◎ **Weight :** <0.9 Kg
- ◎ **Voltage Requirements :**
 - +5V +/-5% and less than 100 mVp-p ripple voltage
 - +12V +/-5% and less than 200 mVp-p ripple voltage

*1 **SMART-BURN** : Smart Monitoring & Adapting Recording Technology for **BURNING**.

*2 **SMART-X** : Smart Monitoring & Adjusting Read-speed Technology for **eXtraction**.

*3 **ABS** : Auto Balance Spindle