

## Slot-in 24x24x24+8x Combo Drive

### Features

### SOLC-2481K

- ★ 12.7mm height and high efficient power saving modes for notebook computer use
- ★ 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
- ★ Support Fixed Packet, Variable Packet, TAO, SAO, DAO, Raw Mode Burning & Over-Burn
- ★ DVD read compliant: DVD single/dual layer (PTP, OTP), Double Layer DVD-R/DVD+R, DVD-R(3.9G/4.7G), DVD-R multi-borders, DVD+R, DVD+R multi-sessions, DVD-RW, and DVD+RW discs with diameter of 12 cm.(not support 8cm disc)
- ★ 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 discs of 12 cm diameter.(not support 8cm disc)
- ★ Conform to Orange Book: Part 2 CD-R Volume 1, Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume 1 (1x, 2x, and 4x), Part 3 CD-RW Volume2: High Speed, Part 3 CD-RW Volume 3: Ultra Speed. Support Fixed packet, Variable packet, Disc-at-once, Session-at-once and Track-at-once
- ★ Support PIO mode 4, DMA mode 2 and Ultra DMA mode 2
- ★ Support Over-Burn and Raw mode copy

### Specifications

#### ◎ Performance :

**Writing** 24x (3600KB/sec) maximum by P-CAV

**ReWriting** 24x (3600KB/sec) maximum by P-CAV

#### **Reading**

CD Family 24x (3600KB/sec) maximum by CAV

DVD Family 8x (10800KB/sec) maximum by CAV

#### **Access time**

CD Family 95ms

DVD Family 100ms

◎ **Buffer Size :** 2MB

◎ **PC Required :** Pentium 166MHz or faster CPU, 64MB DRAM Required  
HDD must have access time < 20ms, with a minimum of 100MBytes Free space

◎ **Compatibility :** MS-Windows 98 / ME /2000 / XP

◎ **MTBF(Life) :** 70000 Hours

◎ **S/N Ration :** >78dB

#### ◎ **Environment :**

Operating 5°C to 55°C; Relative Humidity: 8% to 80% (non-condensing)

Non-Operating -40°C to 65°C; Relative Humidity: 5% to 95% (non-condensing)

◎ **Dimension :** 128(W) x 12.7(H) x 127(D) mm

◎ **Weight :** 200 +/- 0.5g

#### ◎ **Voltage Requirements :**

+5V +/-5% and less than 100 mVp-p ripple voltage from 1KHz to 1MHz

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

\*2 **SMART-X** : Smart Monitoring & Adjusting Read-speed Technology for **eX**traction.