

Features

Slim Type SATA Super AllWrite

DS-8A9SH

- ★ SATA interface, 12.7mm height and high efficient power saving modes for notebook computer use.
- ★ DVD+R / DVD+RW / DVD-R / DVD-RW / DVD+R9/ DVD-R9/ DVD-RAM / DVD-ROM / CD-R/ CD-RW / CD-ROM com
- ★ Support Double Layer DVD+/- R9 Recording Function
- ★ 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, Random Access time, Incremental, sequential record restricted overwrite, Layer Jump recording, Raw Mode Burning & Over-Burn
- ★ DVD read compliant: DVD single/dual layer (PTP/OTP), DVD-R(4.7GB for General), 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
- ★ 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
- ★ Supported transfer mode: PIO mode 4, DMA Mode 2 and Ultra DMA mode 5

Specifications

◎ DVD Family :

Write

DVD+/-R	8X maximum by PCAV
DVD+/-R9	6X maximum by Z-CLV
DVD-RAM	5X maximum by PCAV

ReWrite

DVD+RW	8X by Z-CLV
DVD-RW	6X by Z-CLV

Read

8X maximum by CAV and 5X PCAV for DVD-RAM

Rand. access time 130ms Typical

◎ CD Family :

Write

CD-R	24X by PCAV
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ReWrite

CD-RW	24X Z-CLV
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Read

24X maximum by CAV

Rand. Access Time 130ms Typical

◎ Buffer Size :

0.75 MB(MAX)

 DOS 6.xx or higher
 Win 98/ ME/ NT/ 2000/ XP /
 Vista/Win7/ Win 8

◎ Compatibility :

 OS/2 Warp 3.0 or higher
 Linux

◎ MTBF(Life) :

60000 POH

◎ Environment :

 Operating 5°C to 50°C; Relative Humidity: 10% to 80%
 Non-Operating -40°C to 65°C; Relative Humidity: 10% to 90%

◎ Dimension :

128(W) x 12.7(H) x 126.1(D) mm

◎ Weight :

170 g Max (without bezel)

◎ Voltage Requirements :

5V +/- 5% and less than 100 mVp-p ripple voltage from 10Hz to 10MHz

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