

8x6x6x / 8x6x6x / 5x / 8x / 24x24x24x**Features****Ultra Slim Type SATA DVDRW****DU-8AESH**

- ★ SATA interface, 9.5mm height and high efficient power saving modes for notebook computer use.
- ★ DVD+R / DVD+RW / DVD-R / DVD-RW / DVD+R DL/ DVD-R DL/ CD-R/ CD-RW writer
- ★ Support Double Layer DVD+/- R 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(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
- ★ 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
DVD-R	8X maximum
DVD+R DL	6X maximum
DVD-R DL	6X maximum

ReWrite

DVD+RW	8X maximum
DVD-RW	6X maximum

Read 8X maximum**Access time** 150ms◎ **CD Family :****Write**

CD-R	24X maximum
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ReWrite

CD-RW	24X maximum
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Read 24X maximum**Access time** 130ms◎ **DVD-RAM** 5X PCAV◎ **Buffer Size :** 500KB(MAX)◎ **PC Required :** Pentium 4 1.3GHz or faster CPU, 512 MB DRAM Required◎ **Compatibility :** Microsoft Windows 8/7 32 or 64 bit version; or Windows XP; Linux and Mac OS supported◎ **MTBF(Life) :** 60000 Hours◎ **Environment :**

Operating 5°C to 35°C; Relative Humidity: 10% to 80% (non-condensing)

Non-Operating -40°C to 65°C; Relative Humidity: 10% to 90% (non-condensing)

◎ **Dimension :** 128(W) x 9.5(H) x 126.1(D) mm◎ **Weight :** 170 +/- 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.