

# SPECIFICATIONS

## Read Speed

DVD+R: 8X  
 DVD+R(M-DISC): 8X  
 DVD-R: 8X  
 DVD+RW: 8X  
 DVD-RW: 8X  
 DVD-ROM: 8X  
 DVD+R(DL): 8X  
 DVD-R(DL): 8X  
 DVD-ROM(DL): 8X  
 DVD-RAM: 5X  
 CD-R: 24X  
 CD-RW: 24X  
 CD-ROM: 24X  
 DVD Video Playback: 4X  
 VCD Playback: 16X  
 Audio CD Playback: 10X

## Write Speed

DVD+R: 8X  
 DVD-R: 8X  
 DVD+R(M-DISC): 4X  
 DVD+RW: 8X  
 DVD-RW: 6X  
 DVD+R(DL): 6X  
 DVD-R(DL): 6X  
 DVD-RAM: 5X  
 CD-R: 24X  
 CD-RW: 24X

## Access Time(1/3 Stroke)

DVD: 160 ms  
 CD: 160 ms

## Interface

USB 2.0

## O/S Compatibility

Windows® 10  
 Windows® 8  
 Windows® 7  
 Windows Vista®  
 Windows® XP  
 Mac® OS X 10.6 and above

## Writing Mode

DVD+R(SL/DL): Incremental Write  
 DVD-R(SL/DL): DAO, Incremental Recording, Layer Jump  
 DVD+RW: Random Write  
 DVD-RW: DAO, Restricted Overwrite, Incremental Recording  
 DVD-RAM: Random Write  
 CD-R/RW: DAO, TAO, SAO, Packet Write

## System Requirement

CPU: Intel® Pentium® 4 2.0GHz or AMD Athlon 2100+ or higher  
 RAM: 512MB or more is recommended

## Disc Formats

- Reading:  
 DVD±R(SL/DL)  
 DVD±RW  
 DVD-ROM(SL/DL)  
 DVD-Audio  
 DVD-RAM  
 DVD Video  
 CD-R  
 CD-RW  
 CD-ROM  
 Audio CD  
 VCD  
 CD-I  
 CD-Extra  
 Photo CD  
 CD-Text  
 CD-ROM/XA  
 Multi-session CD  
 CD Plus

- Writing:  
 DVD±R(SL/DL)  
 DVD±RW  
 DVD-RAM  
 CD-R  
 CD-RW

## Disc Diameters

12 cm and 8 cm

## Electrical and Environmental Specifications

### Power Requirement

USB Power +5V ± 5%

### Temperature

Operating: 5°C to 40°C  
 Storage: -30°C to 60°C

### Humidity

Operating: 15% ~ 80%  
 (Non-condensing)  
 Storage: 10% ~ 90%  
 (Non-condensing)

## Configurations

### Mounting Orientation

Horizontal  
 (+5° ~ -5°)

### Dimensions

142.5 x 135.5 x 13.9 mm (L/W/H)

### Weight

228 g